REISSUE

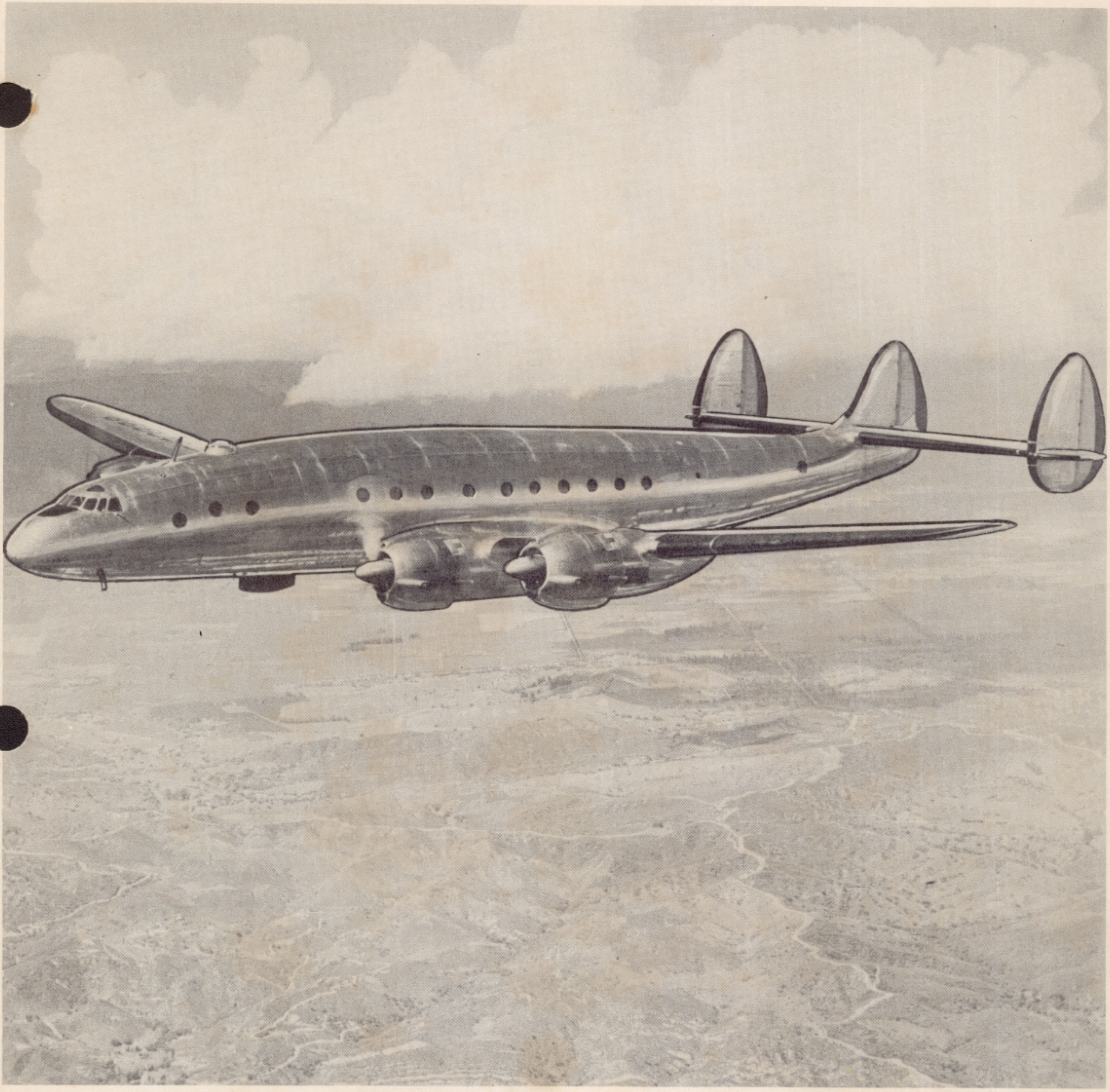
MODEL 049 MAINTENANCE PARTS CATALOG

JULY 1947

The following pages constitute a complete reissue of the Model 049 Maintenance Parts Catalog, reflecting engineering and mandatory Service Bulletin changes through JULY 1947.

Please remove ALL pages from your catalog and replace them with this reissue.

Your attention is invited to the new system-wise breakdown which replaces the sectional breakdown of the previous document.

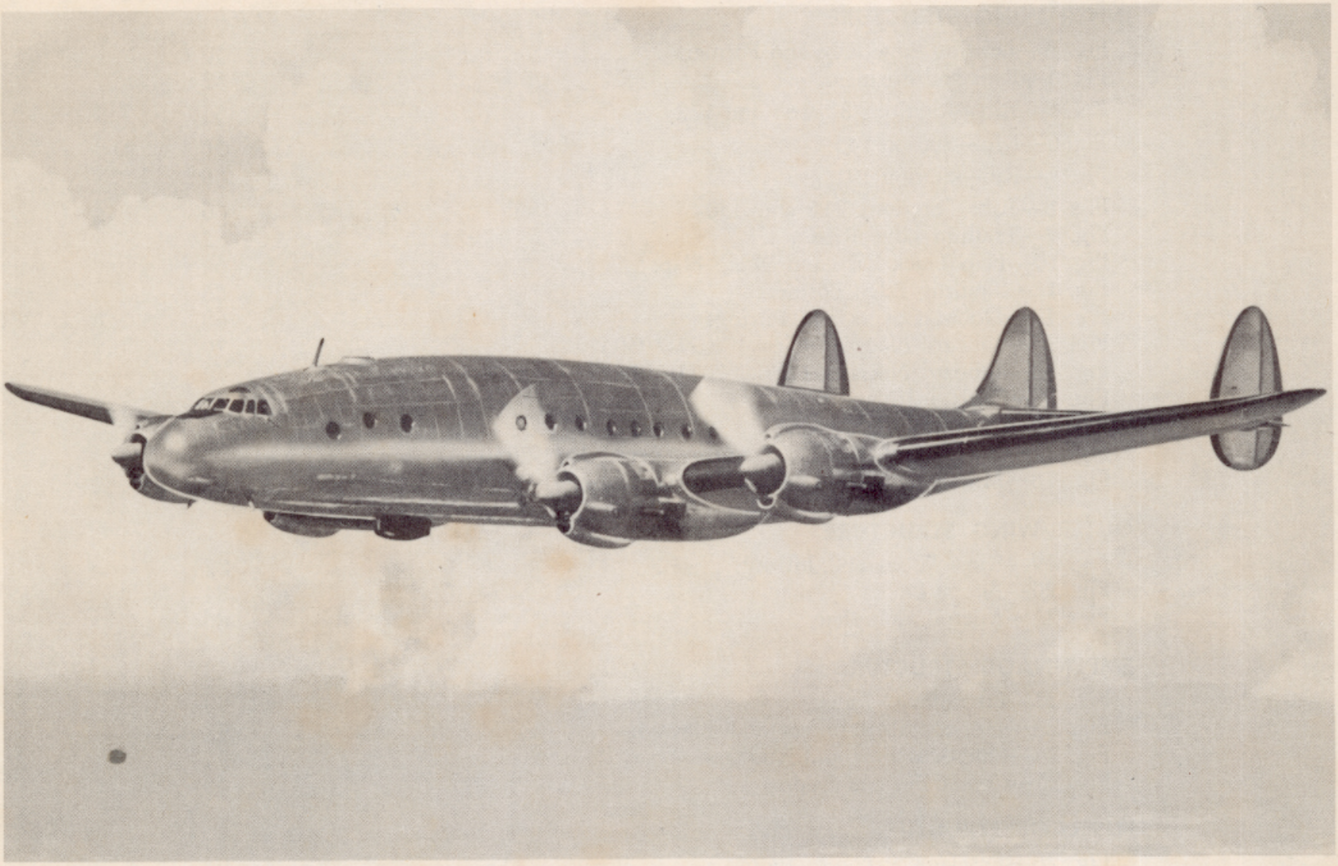


Constellation MODEL 049

MAINTENANCE PARTS CATALOG

LOCKHEED AIRCRAFT CORPORATION, BURBANK, CALIF.

DOCUMENT NO. PAR/5318↑



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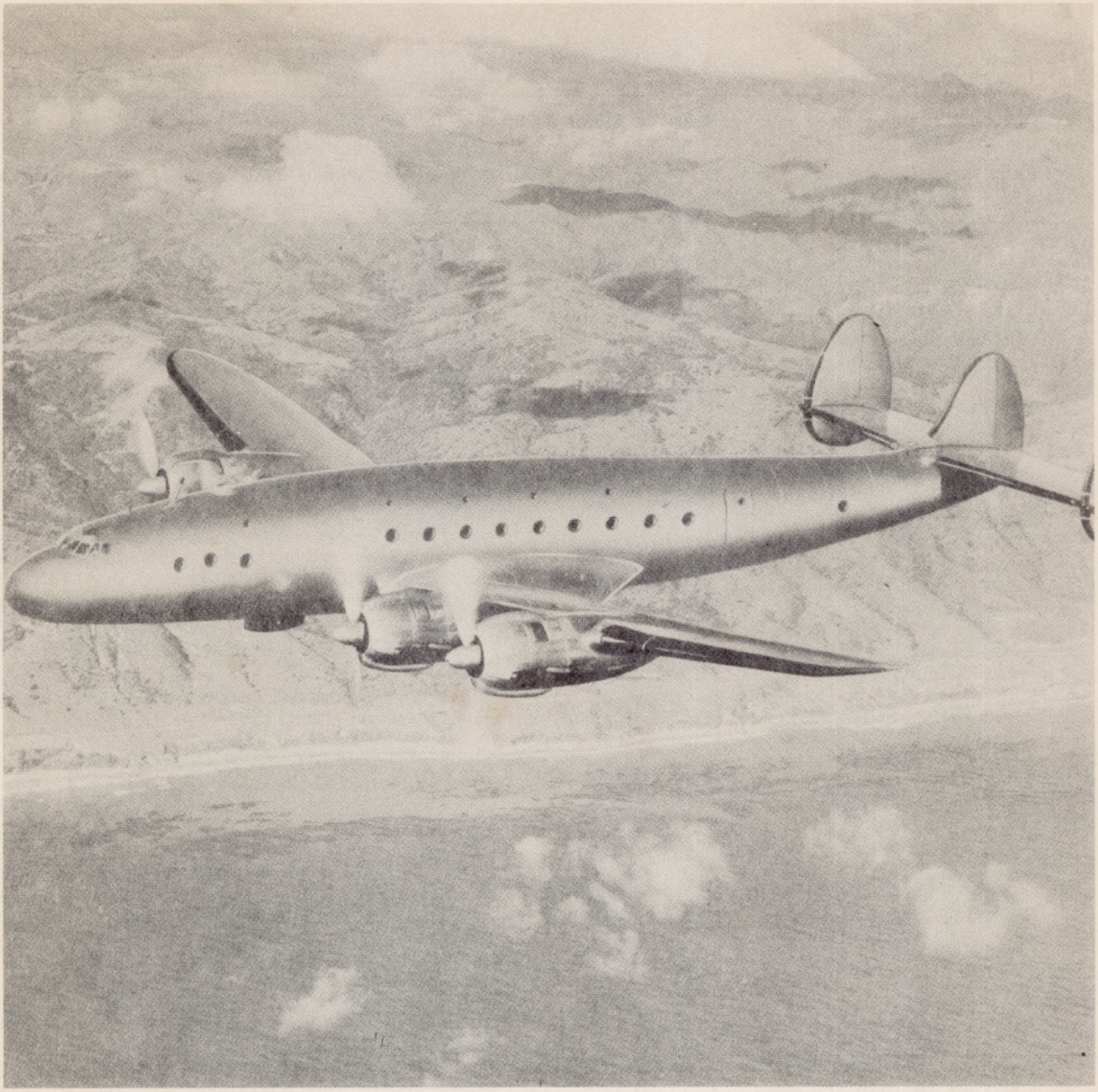

Introduction

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Section One

The catalog has been arranged in Six Major Sections — Introduction, Supplemental Data, Maintenance Parts Breakdown, Constellation Cargo Speedpak, Service Tools and Ground Handling Equipment, and Numerical Parts Index. These are listed under "Section Summaries" together with a description of information contained in each.

PURPOSE AND FORMAT

Purpose — This document has been compiled to assist customer personnel in procuring saleable spare parts for all Lockheed Constellation airplanes, Models 049-46-25, -26 and 049-51-27, with complete coverage for serials 2021 thru 2088, and customer modification only for serials 1975 thru 1978 and 1980. For the standard breakdown of ships serials 1963 thru 1980, the customer should consult T.O. 01-75CJ-4, dated October, 1945, since both serial groups are structurally the same.

Format — Section Three of the catalog has been arranged according to functional operation and structural breakdown of the airplane with both standard and customer modification arrangements included in the appropriate illustrations and text. No specific customer is mentioned in the text since all changes and variations are noted through applicable serials in the code column of the text *(See Serial Usage Code, page 4)*, but identification is available through the Special Airplane Summaries listed in the text of Figure 1.

Prices — A complete Price List—revised periodically—of all parts is available to the customer in a separate Parts Price List document.

Service Bulletins and Assemblies — All Mandatory Service Bulletins are incorporated in the catalog text, with reference to the complete Service Bulletin list *(includes both mandatory and optional)* in this section. Service Assemblies are listed in the text immediately preceding and in the same indenture as the major item contained in the Service Assembly.

Attaching Parts — Attaching parts *(excluding washers, cotter pins, shims and lockwire)* are listed in proper indenture together with the items attached, to show attachment for provisional assemblies deemed necessary for a breakdown. The illustrations will include these parts only when a clarification of major items is necessary, and to complete the picture.

Information in this document is the latest and most accurate available for publication to July 31, 1947.

SECTION SUMMARIES

Introduction — Section One

Contents — Included in this section are (1) Statement of document purpose and format (2) Summary of contents (3) Instructions for use of catalog, and (4) Serial usage code with serial interpretations.

Supplemental Data — Section Two

Contents — Information relative to the catalog text and considered important to the customer is included in the following lists:—(1) Loose Equipment—a complete list of items supplied with each ship at the time of delivery; (2) Vendor's Accessories—a complete alphabetically arranged list of vendor's items purchased by Lockheed and installed on each ship; (3) Service Bulletins and Service Instructions—mandatory and optional changes made on the airplane subsequent to completion on the assembly line; (4) Service Assemblies—a complete list of saleable assemblies replacing Engineering part numbers; and (5) Stations Diagram—airplane stations and proportions. A complete cross-check was made between these lists and Sections Three and Four, in order to maintain uniformity of information within the document.

Maintenance Parts Breakdown — Section Three

Contents — This section is a complete breakdown of installations, assemblies, and detail parts arranged according to (1) Structure and (2) Systems and functions, and listed per Lockheed engineering drawing sequence of breakdown. Division of the subject matter is according to the following groups:—(1) Structure, (2) Controls, (3) Fuel, (4) Oil, (5) Hydraulics, (6) Landing Gear, (7) De-Icing, (8) Anti-Icing, (9) Vacuum, (10) Air Distribution, (11) Oxygen, (12) Fire Warning & Extinguishing, (13) Washwater, (14) Instruments, (15) Electrical and (16) Navigator's Equipment.

Illustrations — The first illustration of each group is the index, and shows each major assembly and installation within that group, referring to them in the text by means of index numbers—a system used throughout the catalog. If any major assemblies and installations need further clarification, they will be exploded in detail either within the index illustration or will be referenced to detail illustrations where each component part will be noted.

Referencing — Each text page contains a column entitled "Usage Code" *(Key to code is on page 4)* to provide serial interpretations. The word "ALL" in the code column designates usage on all Constellations covered by this document. In instances where a part or installation has been changed during the course of production, both part numbers will be listed with the appropriate usage code letters. Their next assemblies can be determined by referring to the first indenture above and to the left. Assemblies exploded from an assembly view will be indicated by a bubble or a bracket with the assembly index number in a circle, and "arrowed" to the unit.

600,000 Nos. — In all instances, vendor's part numbers listed in the part number column will have Lockheed Reference Numbers (600,000 and up) assigned to them, together with the vendor's name and any additional information deemed necessary in the nomenclature column. In some cases vendor's parts are sold under the 600,000 number and are so listed in the number column. Regardless of the location of the 600,000 number, it will be included in the Numerical Index, in proper sequence, as will the listed Vendor number.

Service Assemblies — Whenever it has been found practical to sell a part or group of parts, together with the items and standards necessary to install them, a Service Assembly number has been assigned and listed immediately above the appropriate part or parts and in the same indenture, to indicate that such items may be purchased under one Service Assembly.

Referencing — When the word "REF" is used, it denotes that the item has been given its "units per assembly" elsewhere, together with its Next Assembly or Installation. The phrase "See figure . . . for detailed illustration" is a reference to see another illustration for the complete breakdown of that part. Inversely, the phrase "See figure . . . for using assembly" is a reference to see another illustration for the installation of the parts referenced.

N.P.s — Since all installations are non-procurable the phrase "N.P." will appear in the nomenclature column. However, this allows for the purchase of items listed and indented below them.

Constellation Cargo Speedpak — Section Four

Contents — This section is arranged identical to Section Three and all items referred to in that section also apply to this section. The Cargo breakdown and information on provisions for its use is complete to July 31, 1947. The entire unit is optional, but provisions for its use are shown for all ships.

Service Tools and Ground Handling Equipment — Section Five

Contents — This section consists of illustrations and text pages on the special tools and ground handling equipment required for complete maintenance and repair of the airplane. The text is placed at the beginning of the section and each item thereon is indexed to the item illustrated. In some instances measurements have been placed on the illustration to explain the tool size. *(See note on section page with regard to the ordering of tools and equipment.)*

Numerical Parts Index — Section Six

Contents — All part numbers listed in Sections Two thru Five, with the exception of parts affected by optional service Bulletins and Instructions, are arranged herein in alphabetical and numerical order according to the Army System. Each line contains the part number, figure and index number, and total quantity listed in the text. Both standard and modification numbers are arranged in proper numerical sequence. Number combinations such as "49B130" indicate that the part is used on the Cargo Speedpak, and 49SB130 indicates a Service Bulletin number.

DIRECTIONS FOR USE

How to find the number of a part . . . First, refer to Figure 1 to determine the section of the plane in which the part is located. Then, either (1) turn to the first page of that section and by the use of the group index illustration, find the figure number of the system or location in which the part would logically appear; or (2) turn to the Table of Contents, and under the section and sub-section determined upon, find the figure of the appropriate subject matter covering the part to be identified.

How to find a part when the number is known . . . Refer to the numerical parts Index Section Six. If the part is a Vendor item, check both the Vendor and Lockheed 600,000 reference numbers, and consult the alphabetically arranged Vendor's Accessories List for complete part information.

How to find a missing part . . . Determine the assembly or installation of which the part would be a component and find the illustration of that assembly or installation in the Breakdown by the methods outlined in "How to Find the Number of a Part." When the title of the part is known, refer to the table of contents to locate the appropriate title of the figure dealing with similar parts.

How to revise the catalog contents . . . Since the contents of the catalog is revised periodically, it is deemed appropriate to submit each revision to the customer as a *set* of revised pages, dated according to the time of submittal. A "Revision Log" is supplied at the beginning of each set, and contains a complete list of page changes (marked with the revision date). When revising the book, follow the log and begin with the first catalog page, removing each page for which there is a replacement in the revision set. All other pages will be additions (usually numbered with letters) and are to be inserted according to their page numbers. The revised numerical list completely replaces that in the catalog.

How to order parts . . . Be sure to give the full part number (not figure or index number), all information in the nomenclature column of the Maintenance Parts Breakdown (except reference notes), quantity required, ship model, and ship serials. Address all orders to *"Parts-Sales Department, 65-01, Lockheed Aircraft Corporation, Burbank, California."*

Serial Usage Code

THE FOLLOWING SERIAL USAGE CODE KEY GIVES THE AIRPLANE SERIAL EQUIVALENT TO THE CODE LETTERS IN THE USAGE CODE COLUMN OF THE TEXT.

Usage Code	*L.A.C. Serials*
All	2021-2088
A	2021-2046
B	2047-2088
C	2021-2030
D	2031-2088
E	2026-2088
F	2021-2024
G	2025-2088
H	2021-2035
I	2036-2088
J	2048-2088
K	2021-2025
L	2021-2032
M	2021-2047
N	2021-2023
O	2021-2059
P	2060-2088
Q	2021-2062
R	2021-2037
S	2038-2088
T	2024-2088
U	2021-2034
V	2035-2088
W	2027-2088
X	2031-2046
Y	2021-2028
Z	2029-2088
AA	2039-2088
BB	2021-2038
CC	2029-2040
DD	2021-2070
EE	2021-2026
FF	2041-2055
GG	2071-2088
HH	2047-2070
II	2023-2088
JJ	2021-2022
KK	2021-2043
LL	2044-2088
MM	2021-2061
NN	2062-2088
PP	2036-2070
QQ	2025-2070
RR	2031-2070
SS	2022-2088
TT	2021-2040
UU	2041-2088
VV	2029-2038
WW	2021-2025, 2030, 2041-2044, 2079-2088
XX	2026-2029, 2031-2040, 2045-2078
YY	2021-2027
AAA	2028-2088

Usage Code	*L.A.C. Serials*
BBB	2056-2088
CCC	2068-2088
DDD	2021-2067
EEE	2025-2067
FFF	2021-2030, 2034, 2035
GGG	2031-2033, 2036-2088
HHH	2021-2068
JJJ	2069-2088
KKK	2021-2053
LLL	2054-2088
MMM	2021-2054
NNN	2055-2088
OOO	2023-2025, 2028-2033
PPP	2021-2074
QQQ	2075-2088
RRR	2021-2075
SSS	2076-2088
TTT	2029-2059
UUU	2060-2088
VVV	2021-2045
WWW	2046-2088
XXX	2021 Only
YYY	2021-2044
ZZZ	2045-2088
AB	2050-2088
AC	2021-2039
AD	2040-2088
AE	2031-2068
AF	2039-2074
AG	Same as QQQ
AH	2031-2033, 2036-2046
AI	2021-2030, 2034, 2035
AJ	2021-2041
AK	2042-2088
AL	2039-2044
AM	2021-2038, 2045-2088
AN	2024, 2025, 2029-2033, 2036-2088
AO	2021-2051
AP	2052-2088
AQ	2052-2070
AR	2021-2033
AS	2034-2088
AT	2023-2054
AU	2031, 2033, 2063-2088
AV	2021-2022, 2026-2028, 2034

Usage Code	*L.A.C. Serials*
AW	2021-2022, 2055-2088
AX	2031-2061
AY	2024, 2025, 2029-2033, 2037-2088
AZ	2021-2023, 2026-2028, 2034-2036
BA	2024, 2025, 2029-2033, 2035-2088
BC	2021-2031, 2034
BD	2032, 2033, 2035-2088
BE	2023-2042
BF	2043-2088
BG	2023-2025, 2028-2033, 2035-2088
BH	2041-2067
BI	Same as CCC
BJ	2021-2050
BK	2051-2088
BL	2021-2078
BM	2079-2088
BN	2030, 2033, 2036-2038
BO	2029-2060
BP	2061-2088
BQ	2021-2030, 2034-2035, 2039-2044
BR	2021-2025, 2030, 2041-2044
BS	2026-2029, 2034-2035, 2039-2040
BT	2031-2033, 2036-2038, 2045-2050, 2055-2062
BU	2051-2054, 2063-2065
BV	2068-2071
BW	2066-2067
BX	2072-2075
BY	2031-2033, 2036-2038, 2045-2088
BZ	2021-2030, 2034-2035, 2039-2044, 2051-2054, 2063-2088
CA	2021-2050, 2055-2062, 2066-2088
CB	2021-2067, 2072-2088
CD	2021-2065, 2068-2088
CE	2021-2071, 2076-2088
CF	2029-2073
CG	2074-2088
CH	Same as BS
CI	Same as AI
CJ	2039-2044
CK	2024-2025

Serial Usage Code — Continued

Usage Code	L.A.C. Serials
CL	2021-2023
CM	2021-2023, 2026-2028, 2034-2035
CN	2021-2077
CO	2078-2088
CP	Same as I
CQ	2031-2067
CR	2063-2088
CS	2029-2048
CT	2031-2049
CU	Same as AB
CV	2021-2051, 2071-2088
CW	2057-2088
CX	2021-2064
CY	2065-2088
CZ	2031-2062
DA	2068-2077
DB	2031-2033, 2036-2038
DC	2045-2050, 2055-2062
DE	2021-2050, 2055-2062, 2066-2067, 2072-2088
DF	2031-2053
DG	2021-2029, 2034-2035
DH	2030-2033, 2036-2038, 2040-2088
DI	2040-2075
DJ	Same as SSS
DK	2033, 2043-2048
DL	Same as CA
DM	2031-2053, 2063-2088
DN	2054-2062
DO	2029-2047
DP	2029-2051
DQ	2021-2079
DR	2080-2088
DS	2049-2088
DT	2021-2048
DU	1975-1978, 1980
DV	2029-2067
DW	2049-2067
DX	2076-2078
DY	1975-1978, 1980, 2021-2088
DZ	2026-2044

Usage Code	L.A.C. Serials
EA	2023-2025, 2030-2033, 2037-2088
EB	1975-1978, 1980, 2031-2033, 2036-2038, 2045-2050, 2055-2062, 2066-2075
EC	2031-2033, 2036-2038, 2045-2075
ED	1975-1978, 1980, 2021-2039 2076-2088
EF	1975-1978, 1980, 2021-2050, 2055-2062, 2066-2067
EG	1975-1978, 1980, 2021-2030, 2034-2035, 2039-2044, 2051-2054, 2063-2065, 2068-2071, 2072-2075
EH	2072-2088
EJ	2063-2065
EK	2049, 2062
EL	2049-2071
EM	2063-2075
EN	2026-2029, 2031-2040, 2045-2071, 2076-2088
EO	2072 Only
EP	2021-2055
EQ	2056-2088
ER	2031-2049
ES	2063-2071
ET	2047-2053
EU	2021-2030, 2034-2035, 2051-2054, 2063-2071, 1975-1978, 1980
EV	1975-1978, 1980, 2021-2038, 2045-2072, 2079-2088
EW	2047-2075
EX	2051-2067
EX	2031-2033, 2036-2038
EZ	2036-2067
FA	2021-2056
FB	2021-2060
FC	2071-2078
FD	2021-2083
FE	2084-2088
FG	2047-2061

Usage Code	L.A.C. Serials
FH	2031-2075
FJ	2037-2075
FK	2021-2030, 2034-2035, 2039-2044, 2068-2071, 2076-2088
FL	2026-2029, 2031-2040, 2045-2071, 2076-2078
FM	2021-2025, 2030, 2041-2044, 2079-2080, 2082-2088
FN	2081 Only
FO	1975-1978, 1980, 2021-2025, 2030, 2041-2044, 2072-2075, 2079-2088
FP	2031-2033, 2036-2038, 2045-2050, 2055-2062, 2066-2071, 2076-2078
FQ	2021-2029, 2031-2032, 2034-2039
FR	2030, 2033, 2040-2088
FS	2055-2067
FT	2045-2071
FU	2021-2071
FV	1975-1978, 1980, 2026-2029, 2031-2040, 2045-2078, 2081
FW	2026-2029, 2034-2035, 2039-2040, 2076-2078, 2081
FX	1975-1978, 1980, 2036-2038, 2045-2071
FZ	1975-1978, 1980, 2031-2033, 2036-2038, 2045-2071
GA	2036-2038, 2045-2075
GB	1975-1978, 1980, 2026-2029, 2031-2040, 2045-2050 2055-2062, 2066-2078 2081
GC	2026-2029
GD	2068-2078, 2081
GE	2051-2054, 2063-2065, 2068-2071
GF	2081-2082
GH	2076-2080, 2083-2088

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Supplemental Data

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Section Two

SUPPLEMENTAL DATA

Loose Equipment

The following is a list of loose equipment stowed in each airplane, and taken from Lockheed Prints 291207 and 290190, covering Models 49-46-25, -26 and 49-51-25, -26, and -27.

Part No.	*Title*	*Quantity*
	FLIGHT STATION *(For 291207 except as noted)*	
42D8331	Axe—Fireman's (Small Hand)	1
1624	Flashlight (Bright Star Batt. Co.) (649013)	2
FF2W	Extinguisher—Fire, CO_2 Hand (Randolph) (650097) *(On 290190 only)*	1
39D3922	Holder Assembly—Pilot's Check List (640075)	2
293054	List—Pilot's Check *(Placed in above Holders)*	2
AN5801	Card—Altimeter Error	2
AN5803-1	Card—Compass Correction	2
12A	Book—Aircraft Log (076B Rev. Aug. '46) (Air Associates) (640003)	1
12E	Book—Engine Log (Air Associates) (640004)	4
LAC Report 5527	Manual—Airplane Operators	1
G-17	Mouthpiece (Puritan) *(On 290190 only)*	10
272883-6	Diagram—Fuel System	1
272883-3	Diagram—Fuel System (Photostat of 271329)	1
TWA 1-40062-2, -3 & -4	Hose Assembly *(On 290190 only)*	4
	CREW COMPARTMENT STATIONS 260-342 *(For 291207 only)*	
AN5738-2	Compass—Standard Astro Type 0.5	1
270757-6	Bracket Assembly—Astro Compass Standard	1
265747-2	Support Assembly—Berthable Seat	1
265747-3	Support Assembly—Berthable Seat	1
270408	Cover Assembly—Astral Dome	1
Type AN-M-37 thru AN-M-42	Flares—Signal (Customer Furn. & Installed)	20
42H11969	Container Assembly—Signal Flare (Type A8)	1
AN5798-1	Set of Correction Cards	1
278717	Holder Assembly—Signal Pistol	1
Type AN-M-8	Pistol—Signal Flare (H42B10666)	1
288989	Diagram—Electrical Bonding	1
LAC Report 5527	Manual—Airplane Operation	2
SD/2680	Handbook—Erection & Maintenance	3
291207-2	Loose Equipment (Ozalid Copy of 291207 List)	1
2020-1	Life Raft—10-Man (Aircruiser, Inc.) (656024) *(For both 291207 & 290190)*	1
	(For 290190 only)	
290781-4	Strap Assembly	2
290781-5	Strap Assembly	2
290781-7	Strap Assembly	2
290190-2	Loose Equipment (Ozalid Copy of 290190 List)	1
289885	Diagram—Electrical Wiring	1
290374	Diagram—Loose Equipment Stowage	1
Report 5563	Book—Electrical Data (With Supplement 1 included)	1
292234	Cover—Crew Berthable Seat	2
LAC Report 5664	Radio Data Book	1
291091	Wiring Diagram—Radio and Electronic	1

Part No.	Title	Quantity
	STATION 342.8 THRU STATION 415.4	
288052	Can—Hydraulic Fluid Emergency *(On 291207 only)*	1
287663	Crank Assembly—Wing Flap Emergency	1
284789-74	Support Assembly	1
291092-2	Shelf Assembly	1
291092-3	Leaf Assembly	1
291092-4	Box Assembly	1
284789-38	Pan Assembly	1
284789-66	Drawer Assembly	1
AN878-8-192	Hose—Hydraulic Fluid *(On 291207 only)*	1
FF2W	Extinguisher—Fire (CO_2 Hand) (Randolph) (650097) *(On 291207 only)*	1
G-17	Mouthpiece (Puritan)	20
	MAIN CABIN *(On 290190 only)*	
290375-4	Strap Assembly	2
290375-5	Strap Assembly	2
290375-6	Strap Assembly	2
13X1234	Extinguisher—Fire Liquid, Hand (American La France) (650096) (Winterized)	1
285916	Ladder—Emergency	1
286936-2	Bag	1
286936-3	Strap	1
286936-4	Strap	1
287145	Cover—Blue Denim Double Slip	25
287146	Cover—Blue Denim Single Slip	1
290347	Bar—Safety—Main Cabin Door	1
290446-7	Cover—Blue Denim Double Slip	1
AN/CRT-3	Emergency Radio	1
294127-2	Strap Assembly	2
290781-5	Strap Assembly	2
290781-7	Strap Assembly	1
290375-4	Strap Assembly	2
290375-5	Strap Assembly	2
290375-6	Strap Assembly	2
	(On 291207 only)	
2020-1	10-Man Life Raft (Aircruiser, Inc.) (656024)	5
290B1AS20	Seat Covers (Main Cabin Chairs) (Warren McArthur) (641061-2)	43
290B1AS15	Back Covers (Main Cabin Chairs) (Warren McArthur) (641061-3)	43
290F2AS15	Seat Covers (Forward Cabin Chairs) (Warren McArthur) (641081-2)	12
290F2AS16	Back Covers (Forward Cabin Chairs) (Warren McArthur) (641081-3)	12
TO-AN02-35-1	Table of Limits (Wright Eng. R3350)	1
TO-AN02-35-2	Catalog—Tool (Wright Eng. R3350)	1
TO-AN02-35-65	Valves—Exhaust (Wright Eng. R3350)	1
TO-AN-02-35-70C	Rod—Installation Master Bearings (Wright Eng. R3350)	1
TO-AN02-35-JA2	Service—Instructions (Wright Eng. R3350)	1
TO-AN02-35-JA3	Overhaul—Instructions (Wright Eng. R3350)	1
TO-AN02-35-JA4	Catalog—Parts (Wright Eng. R3350)	1
TO-AN03-1-5	Catalog—Parts (Eclipse Airc. Acc. Equip.) (1193 Model 1)	1
TO-AN03-1-6	Catalog—Service & Overhaul (Eclipse Airc. Acc. Equip.) (1193 Model 1)	1
TO-AN03-1-31	Windshield Wiper	1
TO-AN03-5-58	Light Assembly—Ldg. Elect. Ret. (AN3095-3)	1

SUPPLEMENTAL DATA

Part No.	Title	Quantity
TO-AN03-5-55	Flasher—Mechanism (AN3095-3)	1
TO-AN03-5-74	Vibrators—Starting (VJR24B6 & VJR24B6X) (AN3095-3)	1
TO-AN03-5-81	Vibrator—Starting (VJR24C3&C5) (AN3095-3)	1
TO-AN03-5-80	Vibrator—Starting (VJR24C6) (AN3095-3)	1
TO-AN03-5AA-17	Regulator—Voltage (Eclipse) (Type 1042-2A)	1
TO-AN03-5CA-13	Starter—Comb. (Jack & Heintz G20)	1
TO-AN03-5DA-28	Mag. Oper. Services Overhaul Inst. (Scintilla DFBLNI)	1
TO-AN03-5AD-10	Relay Oper.—Reverse Current Oper. Service & Overhaul (AN3025-1) Inverter HC NIG149F	1
TO-AN03-5H-5	Inverters Hand Book & Parts Cat. (NIG149F)	1
TO-AN03-10EC-1	Pumps—Fuel—Engine Driven Hand Book & Parts Cat. (Thompson TFD2100)	1
TO-AN03-20CA-2	Constant Speed Gov. & Cont. Hyd. Props. (Hamilton)	1
TO-AN03-20CA-14	Gov. Assem. & Adj. (Hamilton)	1
TO-AN03-20CC-2	Catalog—Parts (Hamilton)	1
TO-AN03-20CC-4	Catalog—Interch. Parts (Hamilton)	1
TO-AN03-20CC-10	Hydro. Prop. Spinner Assem. (Hamilton)	1
TO-AN03-25D-2	Oper. Service & Overhaul Inst. (Goodyear Brakes 530397)	1
TO-AN03-30CH-12	Motor—Hyd. (Vickers AA20500)	1
TO-AN03-30CH-1	Pumps—Piston type (Vickers AA20500)	1
TO-AN03-30AA-1	Pumps—Eng. Driven Vac. Hand Book & Parts Cat. (Pesco 3P485)	1
TO-AN03-35A-10	Handbook & Parts Catalog Series "K" Pumps (Adel D8818-2)	1
TO-AN03-50A-1	Regulators—Oxygen—Automatic Pilot (Sperry A3)	1
TO-AN05-45AB-1	Oper. & Service Inst.—Auto Pilot (Sperry)	1
TO-AN05-45AB-3	Overhaul Inst. (A3 Pilot) (Sperry)	1
TO-AN05-45AB-4	Catalog—Parts (A3 Pilot)	1
RTA-1B	Book—Inst. for Radio Set Transceiver	1
TO-AN08-30AR-N7-2	Oper. Manual—AN/ARN7, ADF Compass	1
TO-AN08-30AR-N7-3	Manual—Maint.	1
TO-AN08-30ARN11-2	Manual—Oper. AN/ARN11, ADF Compass	1
TO-AN08-30ARN11-3	Manual—Maint. AN/ARN11, ADF Compass	1
TO-AN08-30ARN5-2	Manual—Oper. AN/ARN5A Glide Path. Receiver	1
TO-AN08-30ARN5-3	Manual—Maint. AN/ARN5A Glide Path. Receiver	1
TO-AN16-30ARA10-2	Manual—Maint. AN/ARA10 Radio Cont. Equip.	1
TO-AN08-30ASA3-2	Manual—Maint. AN/ASA3 Antenna Equip.	1
TO-AN16-30AIC3-2	Manual—Oper. AN/AIC3 Interphone Equip.	1
TO-AN16-30AIC3-3	Manual—Maint. AN/AIC3 Interphone Equip.	1
TO-AN08-40RC103-2	Manual—Maint. RC103 Localizer Equip.	1
TO-AN16-40RC193-3	Manual—Maint. RC193 Marker Beacon	1
TO-AN16-10-186	Manual—Oper. AN/APN-1 Radio Altimeter	1
TO-AN16-30ART13-3	Manual—Oper. AN/ART13A Liaison Transmitter	1
TO-AN16-30ART13-4	Manual—Oper. AN/ART13A Liaison Transmitter	1
TO-AN08-40SCR718-2	Manual—Oper. SCR Radio Altimeter	1
BC348	Book—Inst. BC348 Liaison Rec.	1
AN/ARC-1	Book—Inst. VHF Equipment	1
AN/APN-9	Book—Inst. Navigation Equipment	1
AN/ARC-3	Book—Inst. VHF Equipment	1
BC375	Book—Inst. Transmitter	1
MN-62	Book—Inst. ADF Compass Rec.	1
R.A.1B	Book—Inst. Rec.	1
RL-42B	Book—Inst. Antenna Reel	1
SCR211	Book—Inst. Frequency Meter	1
AN/CRT-3	Book—Inst. Emer. Transmitter	1

Part No.	Title	Quantity
MN53A	Book—Inst. Marker Beacon	1
TO-AN16-10-65	Manual—Oper. RC193 Marker Beacon	1
TO-AN16-30APN1-2	Manual—Maint. AN/APN1 Radio Alt.	1

EQUIPMENT TO BE PLACED IN AIRPLANE
AT TIME OF DELIVERY FLIGHT

(On 291207 only)

Part No.	Title	Quantity
SA-8	Flare—Parachute (Eclipse-Pioneer) (601002)	1
T4619	Key—Doors	7
3	First Aid Kit (Amazol) (656017)	1
950	Flashlight Battery (Nat. Carbon Co.) (617034)	6
319A	Lamp—Indicator (Gen. Elec.) (618124-2)	2
319R	Lamp—Indicator (Gen. Elec.) (618124-3)	2
319G	Lamp—Indicator (Gen. Elec.) (618124-4)	2
319B	Lamp—Indicator (Gen. Elec.) (618124-6)	2

(On 290190 only)

Part No.	Title	Quantity
HS33	Headset	6
T17	Microphone	6
CD307	Cord Assembly	1
292005	Instal.—Very Pistol Holster & Signal Flare Container	1
Type AN-M8	Pistol—Signal Flare (H42B10666)	1
AN/CRT3	Radio—Emergency	1
294127-2	Strap Assembly	1
290781-5,-7	Strap Assembly	2

LOWER FWD. CARGO COMPARTMENT

(On 290190 only)

Part No.	Title	Quantity
285585-5L	Angle	1
285585-5R	Angle	1
285585-12	Bracket	1
285585	Housing Assembly	1
279840	Cover Assembly	1
265000-7	Cord	1

(On 291207 only)

Part No.	Title	Quantity
S85800	Tail Jack Pad	1
S86500	Wing and Nose Jack Pad	3
S86700	Nose Jack Pad Adapter	1
280435	Drain Assembly—Engine Oil Sump	4
274860	Cover Assembly—Engine	4
285512	Cover Assembly—Supercharger L.H.	1
285513	Cover Assembly—Supercharger R.H.	1
202221	Cover—Pitot Tube Protection	2
280842	Installation—Dust Excluders	1
280279	Bag Assembly—Loose Equipment Stowage	4
267636-2	Rope—Cotton, 1/4″ Dia., 75′ (Spec. T-R-571)	1
2CD5309	Sleeve—Aux. Ground Connection (American La France) (650068-3)	1

NOSE LANDING GEAR WHEEL WELL

Part No.	Title	Quantity
272421	Pin Assembly Nose L.G. Down Lock Safety	1

MAIN LANDING GEAR WHEEL WELL

Part No.	Title	Quantity
272373-2	Pin Assembly L.G. Down Lock Safety	2

SUPPLEMENTAL DATA

Vendor's Accessories

The following list of Vendor's Accessories has been compiled as an aid to the customer in the purchasing of any Vendor parts used on Lockheed Constellation airplanes, Model 049, and all items listed will be found in the text of the catalog.

The customer is requested to analyze Specification Change Requests placed with the company before requesting orders for accessories, and to use Lockheed engineering blueprints as authority for part numbers. All orders will be carefully checked to assure the delivery of *current* parts.

Description	*Part Number*	*Vendor*	*Req.*	*Serials*
ACCESSORIES (LESS ENGINE DRIVEN)				
Accumulator—5" Hydraulic	AA14002A or AA14002B	Vickers	1	a
Accumulator Assembly	401531	Bendix	3 4	a b
Actuator—Shaft Driven Cowl Flap	D11101	Foote Bros.	8	all
Actuator Assembly—Oil Cooler Flap Drive	D11301	Foote Bros.	4	all
Actuator—Switch—Type T	9-10831	Micro Switch	5	all
Adapter—Head Discharge	2CD3115	American LaFrance & Foamite Co.	5	all
Adapter—Oxygen System	41A9199		4 5	ww xx
Adapter—External Power Connection	42B6927	Mines Equipment #R3137	1	all
Arrestor—Oceco Flame	9000	Johnston & Jennings	2	all
Axe—Fireman's Hand *(See Loose Equipment List)*	42D8331		1	all
Base Assembly—Voltage Regulator—with Jumper from "B" to "C" Terminals	40D8445-2	Leece Neville #24554	4	all
Basin Assembly—Wash	1158	Sierra Mfg. Co.	2	all
Battery—24 V. 34 AMP. Hour Shielded Storage	AN3150		2	all
Bell—Fire Warning—Spec. 50291	165	Edwards & Co.	1	all
Bellows Assembly—Driftmeter Compensator	E28107	Clifford Mfg.	1	all
Belt—Safety—Type B-14	44G5437		4	all
Bezel Ring and Lens Assembly—Coat Closet Light	404	Boething & Dunlap	1	sss
Blower—Air Condition Unit	162-09002-0000	Utility Fan Corp.	1	all
Boot—LH	11-310-27-1	B. F. Goodrich	1	all
Boot—RH	11-310-27-2	B. F. Goodrich	1	all
Boot—LH	11-310-28-1	B. F. Goodrich	1	all
Boot—RH	11-310-28-2	B. F. Goodrich	1	all
Boot—LH	11-310-29-1	B. F. Goodrich	1	all
Boot—RH	11-310-29-2	B. F. Goodrich	1	all
Boot—Stab. LH Cross	11-310-32-1	B. F. Goodrich	1	all
Boot—Stab. RH Cross	11-310-32-2	B. F. Goodrich	1	all
Boot—LH Stab. Tip	11-310-33-1	B. F. Goodrich	1	all
Boot—RH Stab. Tip	11-310-33-2	B. F. Goodrich	1	all
Boot—Outer Upper Vertical Fin	11-310-34-1	B. F. Goodrich	2	all
Boot—Outer Lower Vertical Fin	11-310-35-1	B. F. Goodrich	2	all
Boot—Center Vertical Fin	11-310-36-1	B. F. Goodrich	1	all
Boot—LH	12-310-30-1	B. F. Goodrich	1	all
Boot—RH	12-310-30-2	B. F. Goodrich	1	all
Boot—LH Stab.	12-310-31-1	B. F. Goodrich	1	all
Boot—RH Stab.	12-310-31-2	B. F. Goodrich	1	all
Bracket Assembly—Low Pressure Oxygen Cyl. Assembly	44B24621		3	all
Brake Assembly—M.L.G.	511031M	Goodyear	8	all
Chair Assembly—Radio Operator	175-2AS1	Warren McArthur	1	ce & du
Chair—Single Passenger	290B1L	Warren McArthur	1	a
Chair—Single Passenger	290D1L	Warren McArthur	1	b
Chair—Double Passenger	290B2L	Warren McArthur	7	a
Chair—Double Passenger	290D2L	Warren McArthur	7 6	b (less bu) bu
Chair—Double Passenger	290B2R	Warren McArthur	7	a
Chair—Double Passenger	290D2R	Warren McArthur	7 6	b (less bu) bu
Chair—Double Passenger	290C2L	Warren McArthur	3	a
Chair—Double Passenger	290E2L	Warren McArthur	3	b
Chair—Double Passenger	290C2R	Warren McArthur	4	a
Chair—Double Passenger	290E2R	Warren McArthur	4	b
Chair Assembly	290F2L	Warren McArthur	2 1	ww bx, du & 2081, 2082

ACCESSORIES (LESS ENGINE DRIVEN) (Continued)

Description	Part Number	Vendor	Req.	Serials
Chair Assembly	290F2R	Warren McArthur	2	ww
			1	bx, du & 2081, 2082
Chair—Radio Operator's	337	Warren McArthur	1	bx
Chute Assembly—Landing Flare	WM210	Air Associates	2	all
Circuit Breaker—Switch Type Non Trip Free	AN3160-5		6	k
			11	e
Circuit Breaker—Switch Type Non Trip Free	AN3160-15		4	all
Circuit Breaker—Switch Type Non Trip Free	AN3160-35		2	bu
Circuit Breaker—Push Button Non Trip Free	AN3161P5		17	all
Circuit Breaker—Push Button Non Trip Free	AN3161P10		12	rrr
			13	sss
Circuit Breaker—Push Button Non Trip Free	AN3161P15		1	rrr
			2	sss
Circuit Breaker—Push Button Non Trip Free	AN3161P20		8	all
Circuit Breaker—Push Button Non Trip Free	AN3161P25		1	bx & du
Circuit Breaker—Push Button Non Trip Free	AN3161P35		2	bu
Circuit Breaker—Push Button Non Trip Free	AN3161P50		1	du
			2	a
			3	2047 thru 2071
			4	bx
			5	sss
Circuit Breaker	C6363-1-10	Spencer Thermostat	4	all
Circuit Breaker	D6364-1-120	Spencer Thermostat	1	bx
Circuit Breaker	D6751-1-25	Spencer Thermostat	1	bx
Circuit Breaker—Remote Control	6141H68	Cutler-Hammer	2	all
Circuit Breaker	8750	Cutler-Hammer	2	all
Circuit Breaker	9300-100B	Square D	1	all
Cock Assembly—Drain	K1700B2	Kohler Aircraft	4	d
Cock—Shut-Off	765-2	Lunkenheimer	4	all
Coil Assembly—Induction Vibrator	VJR24C6	American Bosch Co.	4	all
Compensator—Tail Gear	HL762	Hoof	1	all
Container Assembly—Signal Flare—Type A-8 *(See Loose Equipment List)*	42H11969		1	du & xx
Control Unit—Windshield De-Icer	CD101	Paul Henry	1	all
Coupling—Half	142S2-5	Aeroquip	4	all
Coupling—Half	143S2-5	Aeroquip	4	all
Coupling—Half	160S1-5	Aeroquip	8	all
Cover—Back *(See Loose Equipment List)*	290B1AS15	Warren McArthur	43	all
Cover—Seat *(See Loose Equipment List)*	290B1AS20	Warren McArthur	43	all
Cover—Seat *(See Loose Equipment List)*	290F2AS15	Warren McArthur	8	ww & bx
			4	du
Cover—Back *(See Loose Equipment List)*	290F2AS16	Warren McArthur	4	ww & bx
			2	du
Cylinder—Oxygen—Spec. 94-40330	Type F1	Firestone Steel Products #RA6770	2	all
Cylinder—Landing Gear Uplock	H2754	Pacific Aviation	3	all
Cylinder Assembly—Hyd.—Directional Control Mech—RH	R25-199	Pacific Aviation	1	all
Cylinder Assembly—Hyd.—Directional Control Mech.—LH	R25-200	Pacific Aviation	1	all
Cylinder	2CD5516	American La France & Foamite Co.	4	all
Cylinder—Fire Extinguisher	2CD5725	American La France & Foamite Co.	2	all
Cylinder Assembly—M.L.G. Downlock Release	210599	Gladden Products	2	all
Cylinder Assembly—N.L.G. Downlock Actuating	210621	Gladden Products	1	all
Cylinder Assembly—M.L.G. Actuating	405308-0-1	Bendix	2	all
Cylinder—N.L.G. Actuating	403904-0-2	Bendix	1	all
Cylinder Assembly	41216	United Aircraft Prod.	1	all
Cylinder Assembly—Portable Low Pres. Oxygen (Includes A-6 Cyl. & A-9A Reg.)	44B24619		3	all
Dehydrator—Driftmeter	AL74776-1	Bendix Radio	2	all
Dispenser—Soap	33¼	Dayton Mfg. Co.	2	all
Dome—Navigator's Observing—Spec. 33001	S43G16629		1	xx
Dynafocal Suspension Assembly	RL35	Lord Mfg. Co.	4	all
Elbow Roller	2CD1755	American La France & Foamite Co.	10	all
Engine—Fuel Injection Type (Spec. 745F)	WAC745C18BA3	Wright	4	all
Extinguisher—CO2 Hand Fire *(See Loose Equipment List)*	FF2W	Randolph Laboratories	2	du & ce
			3	bx
Extinguisher—Fire Gun—Model O—Winterized *(See Loose Equipment List)*	13X1234	American La France & Foamite Co.	2	all
Faucet Assembly—Wash Basin Water	9511 (replaces 2S462)	Rite Hardware	2	all
Filter Assembly—Air Conditioning	14081	Airmaze Corp.	1	all
Filter—Hydraulic	28161	Purolator	1	all

ACCESSORIES (LESS ENGINE DRIVEN) (Continued)

Description	Part Number	Vendor	Req.	Serials
Filter—Hydraulic	28946 or 33448	Purolator	4	all
Filter—Fuel	34103 (replaces 32682)	Purolator	4	all
Filter—Anti-Icing	8200	Adel	3	all
Flare—Wiley	SA8	Kilgore	2	all
Flasher Mechanism	FA122	Wallace & Tiernan	1	all
Flashlight—Three Cell	1624	Bright Star	2	all
Galley Instal.—Complete with Coffe Maker	L1001	Weber Showcase	1	du & bx
Gap Assembly—Spark	4525	Audio Products	2	aa
Gear Box—Electrically Driven	BYLC2003-2	Barber-Colman	2	2021 thru 2081
			1	2082 & subs.
Gear Box—Electrically Driven	BYLC2003-20	Barber-Colman	1	2082 & subs.
Gear Box—Electrically Driven	BYLC2004-2	Barber-Colman	2	all
Gear Box—Electric Motor Driven	BYLC2091	Barber Colman	4	all
Gear Box—Elevator Tab Actuating	10201	Foote Bros.	1	all
Gear Box—Emergency	2640	Vard Inc.	1	all
Gear Box	2765	Vard Inc.	14	all
Guard—Toggle Switch	AN3028-3	Cutler-Hammer #49-1229-2	2	all
Handle—Pull	2CD5031	American La France & Foamite Co.	2	all
Handle—Pull	2CD5479	American La France & Foamite Co.	1	all
Handle—Pull	2CD5480	American La France & Foamite Co.	1	all
Head—Cylinder Operating—Less Operating Cable	2CD5152	American La France & Foamite Co.	2	all
Head—Cylinder Operating	2CD5393 or 2CD5193	American La France & Foamite Co.	2	all
Heater Assembly—Cabin	74A66	Surface Combustion	2	all
Holder—Handtowel	057	Scott Paper Mill	1	sss
Holder—Towel	1296	Sierra Mfg. Co.	2	all
Holder—Toilet Paper	328-7	H. L. Judd & Co.	2	all
Holder Assembly—Jewel Lite Indicator	42A12348	Grimes #A2950	2	all
Housing—Switch—Type H1N	LNN11	Micro Switch	2	all
Housing—Switch—Type H1N	RNN11	Micro Switch	1	all
Housing—Switch—Type H-1	RN12	Micro Switch	1	du & c
Indicator—Discharge	2CD1976	American La France & Foamite Co.	2	all
Inverter—750VA—Spec. 94-32370	MG149F or MG149H	Holtzer-Cabot	2	all
Inverter—Vibrator Type—Electric Razor	2634	Electronic Laboratories	1	bu
Joint—Swing	R251D1	Chiksan	4	gg
Joint—Swing	R251D2	Chiksan	2	gg
Joint—Swing	R251D3	Chiksan	4	gg
Joint—Swing	R251D4	Chiksan	4	gg
Joint—Swing	R251D5	Chiksan	2	gg
Joint—Swing	R251D6	Chiksan	4	gg
Joint—Swing	R251D7	Chiksan	4	gg
Joint—Swing	R251D8	Chiksan	2	all
Joint—Swing	R251D9	Chiksan	2	all
Joint—Swing	R251D10	Chiksan	1	all
Joint—Swing	R251D11	Chiksan	1	all
Joint—Swing	R83D4	Chiksan	8	all
Joint—Swing—Fuel Dump	SPL320B	Chiksan	2	all
Joint—Swing	21205	Chiksan	4	dd
Joint—Swing	21206	Chiksan	4	dd
Joint—Swing	21209	Chiksan	4	dd
Joint—Swing	21210	Chiksan	4	dd
Joint—Swing	21211	Chiksan	4	dd
Joint—Swing	41207	Chiksan	2	dd
Joint—Swing	41208	Chiksan	2	dd
Lamp—T 3¼—S.C. Min. Bay Base	AN3121-313		10	all
Lamp—S8—S.C. Cand. Bay. Base	AN3124-307		45	all
Lamp—G6—S.C. Cand. Bay Base	AN3131-303		2	sss
Lamp—S8—D.C.—Cand. Bay. Base	AN3132-308		2	rrr
			3	sss
Lamp—S11—S.C. Cand. Bay, Base	AN3133-311		5	all
Lamp—G6—D.C. Cand. Bay. Base	AN3137-304		4	all
Lamp—Frosted—2 Filament D.C.	1666IF	General Electric	1	bq & bu
Lamp—Amber *(See Loose Equipment List)*	319A	General Electric	8	all
Lamp *(See Loose Equipment List)*	319B	General Electric	4	all
Lamp—Green *(See Loose Equipment List)*	319G	General Electric	3	all
Lamp—Purple *(See Loose Equipment List)*	319P	General Electric	4	r
Lamp *(See Loose Equipment List)*	319R	General Electric	9	all
Lamp Base	2143	H. A. Douglas	44	all
Lamp Assembly—Dash	1941	H. A. Douglas	6	all
Lamp Assembly—Running—Type B-3	37D4865	C. M. Hall Co. #A124	1	all

ACCESSORIES (LESS ENGINE DRIVEN) (Continued)

Description	Part Number	Vendor	Req.	Serials
Lamp Assembly—Indicator—Amber	42B3593-2	C. G. Conn #859-2	1	all
Light Assembly—Complete with AN3040-1 Lunar White Cover & AN3121-1816 Lamp, Color No. 13	AN3030-9	Grimes #B2270-5	3	all
Light Assembly—Position—Wing—Red	AN3033-3	Grimes #A1285R24	1	all
Light Assembly—Position—Wing—Green	AN3033-4	Grimes #A1285G24	1	all
Light Assembly—Work Table	AN3047-2		1	bx
Light Assembly—Landing	AN3095-3	Grimes Ref. Print #G3001	2	all
Light Assembly—Downward Recognition—Amber	AN3096-4	Grimes #2389	1	all
Light Assembly—Downward Recognition—Red	AN3096-5	Grimes #B2389	1	all
Light Assembly—Downward Recognition—Green	AN3096-6	Grimes #B2389	1	all
Light Assembly—Recognition—Complete with Cover No. AN3099-1 & Lamp No. AN3124-307	AN3097-3	Grimes #B-2115	1	bq & bu
Light Assembly—Ungrounded Indicator—Red	AN3157-2	Searle Aero #VM400-2	4	all
Light Assembly—Ungrounded Indicator—Green	AN3157-3	Searle Aero #MV400-3	4 5	rrr sss
Light Assembly—Ungrounded Indicator—Amber	AN3157-4	Searle Aero #VM400-4	11	all
Light Assembly—Ungrounded Indicator—Red	AN3157-6	Searle Aero #VM400-6	1	2077 & up
Light Assembly—Tail—Red	A1943R3	Grimes	1	all
Light Assembly—Tail	A1943-3	Grimes	1	all
Light Assembly—Upward Position	A3455	Grimes	1	bq & bu
Light Assembly—Fluor. Spot—Type C5 with 5 ft. Cord	D2332 (5 ft. Cord)	Grimes	8	all
Light Assembly—Fluor. Spot—Type C5 with 8 ft. Cord	D2332 (8 ft. Cord)	Grimes	1	all
Light Assembly—Instr. Bd.—Direct Lighting—S.C.—Less Lamp	NAF 1017-1	Grimes	2	sss
Light Assembly—Cockpit Spot	SA2212D	Standard Aircraft	2	all
Light Asembly—Red—Master Fire	103A Red	Korry Manufacturing	9	all
Light Assembly—Indicator	103S Amber	Korry Manufacturing	1	bx
Light Assembly—Indicator	103S Blue	Korry Manufacturing	1	bx
Light Assembly—Indicator	103S White	Korry Manufacturing	1	bx
Light Assembly—Flex Arm	26K00077-2	Bardwell & McAlister	2	all
Light Assembly—Flex Arm	26K00077-4	Bardwell & McAlister	1	2021 thru 2071, 2076, 2077
Light Assembly—Pilot	708 (Ungrounded)	Dial Light	17	all
Light Assembly—S.C.	710S (Less Jewel)	Signal Indicator	1	all
Micropositioner	AYLZ910-1	Barber-Colman	3	all
Mirror—Rear View	LAC1001-555	Acme Specialty	1	all
Motor—Piston Type	EB83-1	R. A. Hawkes	1	all
Motor—Hydraulic	MF8-713-30BC	Vickers	2	all
Nameplate—Control	2CD3318	Alfite	1	all
Outlet—Gauge	2CD5160	American La France	5	all
Pad—Prop. Anti-Icing Feed Ring	SK642	B. F. Goodrich	12	all
Panel—Defogging	6234R	Durkee-Atwood	1	cr
Panel—Defogging	6235R	Durkee-Atwood	1	i
Panel—Defogging	6235L	Durkee-Atwood	1	i
Panel Assembly—Control—Air Conditioning	825B900	Kollsman	1	all
Pistol—Pyrotechnic-AN-M-8 & Pistol Mount—Type M1 *(See Loose Equipment List)*	H42B10666		1	xx
Protector Circuit	PGM200	Spencer Thermostat	1	sss
Protector Circuit	PLM50	Spencer Thermostat	1	rrr
Protector Circuit	PLM70	Spencer Thermostat	2	all
Protector Circuit	PLM90	Spencer Thermostat	3	all
Protector Circuit	PLM120	Spencer Thermostat	1	all
Protector Circuit	PSM5	Spencer Thermostat	2	all
Protector Circuit	PSM15	Spencer Thermostat	1	all
Protector Circuit	PSM20	Srencer Thermostat	1	all
Pulley—Male	2CD1904	Alfite	2	all
Pulley—Male	2CD1975	Alfite	2	all
Pump—Electric Driven	TFD10100-1 Pos. IB2	Thompson	2	kkk
Pump—Electric Driven	TFD10100-2 Pos. IB-R	Thompson	2	lll
Pump—Electric Driven	TFD10100-1 Pos.IIIB2	Thompson	2	q
Pump—Electric Driven	TFD10100-2 Pos. IIIB-R	Thompson	2	cr
Pump Asembly—Electric Driven Hydraulic	1E620CF	Pesco	2	all
Pump—Gyro Electric	1E768-A or 1E768-B-1	Pesco	1	all
Pump—Carb. Anti-Icing	141001-010-02 or 141001-010-01 (replaces 4E511B)	Pesco	4	all
Pump—Wobble—Modified D-2 Fuel	24451	Aero Supply	1	all
Pump—Hand Hydraulic	402695-0-1	Bendix	1	all
Pump—Windshield Anti-Icing & Heater Fuel	8817-4	Adel	3	all
Pump—Prop. Anti-Icing	8818-2	Adel	2	all
Raft—Life *(See Loose Equipment List)*	2020-1	Air Cruisers, Inc.	6	all

Description	*Part Number*	*Vendor*	*Req.*	*Serials*
	ACCESSORIES (LESS ENGINE DRIVEN) (Continued)			
Receiver—Wall Mounting Ash	1444	Sierra Manufacturing	8	ww
			10	xx
Receptacle—Battery Cart Plug—Unshielded	AN2552A1		1	all
Receptacle—Razor Outlet	7777	Cutler-Hammer	2	all
Recharger—Walk Around Unit—Oxygen System	AN6041-1	A. Schrader's Son #2460B-FA	2	all
Regulator—Continuous Flow Oxygen	A9A	Eclipse-Pioneer #2805-3B-B1	4	ww
			5	xx
Regulator—Cable Tension	R66-2	Pacific Scientific	2	c
Regulator—Cable Tension	R66A40-2	Sturgess	3	d
Regulator—Cable Tension	R66-4	Pacific Scientific	1	c
Regulator—Cable Tension	R6670-2	Sturgess	1	d
Regulator—Cable Tension	R66-3	Pacific Scientific	1	c
Regulator—Generator Voltage	1042-6 or 1042-7	Eclipse	4	all
Regulator—Comb. Air	74A44	Surface Combustion	2	all
Regulator & Valve Assembly—Oil Temperature	8505910	Harrison Radiator	4	ddd
Regulator & Valve Assembly—Oil Temperature	18244	Airesearch	4	ccc
Relay—25AMP SPST	AN3320-1	Leach Relay #1227	1	bx
Relay—Type G	A3325	C. P. Clare	1	all
Relay—SPST Solenoid	B5B (replaces 7064-24)	Leach	4	all
Relay	B8A	Leach #7210-24	6	all
Relay—DPST—Type 1054SN	LC1847-2	Leach	1	sss
Relay	ND47E	Electrical Products Supply	4	all
Relay—DPST	NS43AB	Electrical Products Supply	2	all
Relay	PH9	Leach	1	bu
Relay	PL4	Leach	1	c
Relay—Time Delay	PTAH22	Struthers Dunn	2	all
Relay	1016	Leach	1	bx
Relay—SPST	1023	Raitronics	7	all
Relay	1029-187	Leach	1	all
Relay—DPDT—24 Volt	1257GM	Leach	2	all
Relay—24 SPST	5055-3	Leach	2	all
Relay	5059CDW	Leach Relay	1	all
Relay—SPST Solenoid	7220-4-24	Leach	6	all
Reserve Tank—Hydraulic Oil	1A530	Pesco	1	a
Reservoir—Spherical Pressure	405090	Bendix	1	a
			2	b
Resistor—Generator Equalizer	505	Al Norris Co.	4	all
Retainer Assembly—Amber Jeweled Lamp	42A12349-4	Grimes #2402A5	2	all
Rheostat—Aircraft Power	AN3155-50-100	Ohmite	1	all
			4	ca
Rheostat—Heated Clothing—Spec. 94-32357A	Type QI-B		2	ce
Rheostat—Model H—Type 352	0149 (50 OHM)	Cutler-Hammer	4	bx
Rheostat	0151H (100 OHM)	Ohmite	1	all
Rheostat	0154H (250 OHM)	Ohmite	4	rrr
			5	sss
Rheostat	0154 Type 346	Ohmite	3	all
Rheostat—Model J—352 Snap	0315 (16 OHM)	Ohmite	2	all
Rheostat—Model J	0317	Ohmite	2	all
Rheostat—Model J	10819	Ohmite	9	all
Ring Assembly—Prop. Anti-Icing Feed	E778	B. F. Goodrich	12	all
Seat—Flight Engineer	CR7551	General Fireproofing	1	all
Seat Assembly—Pilot	170B	Warren McArthur	1	all
Seat Assembly—Co-Pilot	170B1	Warren McArthur	1	all
Separator—Oil	1123-2	Technical Products	1	all
Separator—Oil	1123-3	Technical Products	1	all
Shaft—Flex Drive	PC24431-1-110	Eclipse-Pioneer	1	all
Shaft Assembly—Oil Cooler Flap Drive per LAC Spec. 639010	3201Y1610	S. S. White	4	ddd
Shield—Prop—Anti-Icing Feed Ring	SK703	B. F. Goodrich	12	all
Shield—Frost	7783L	Durkee-Atwood	1	sss
Shield—Frost	7783R	Durkee-Atwood	1	sss
Shield—Frost	7784	Durkee-Atwood	1	sss
Shield—Frost	7785	Durkee-Atwood	1	sss
Shoe—Prop Anti-Icing Feed	G-E161G (replaces 37572)	B. F. Goodrich	12	all
Signal—L/G Audible Warning	AN5775-2	Sparks Withington #B9606	1	all
Sleeve *(See Loose Equipment List)*	2CD5309	American La France & Foamite	1	all
Snubber—Torquemeter Pressure	2162R4A	Rochester Mfg.Co.	4	all
Socket—Lamp—DC	DCF-D0	Cannon Electrical Dev.	1	rrr
Socket Assembly—Lamp—DC	DCF-D1	Cannon Electrical Dev.	1	all
Socket Assembly	SCF-D1	Cannon Electrical Dev.	21	all
Socket—Lamp—DC Bay. Cand.	1118	H. A. Douglas	2	bx & du
			1	sss

ACCESSORIES (LESS ENGINE DRIVEN) (Continued)

Description	Part Number	Vendor	Req.	Serials
Socket—SC	2116	H. A. Douglas	1	all
Socket—Lamp—Rt. Angle Mtg. Bracket	708 (Grounded)	Dial Light	1	bx
Solenoid Assembly	1303	Cannon	1	all
Strainer—Size ¼	Fig. 1239-¼	Lunkenheimer	2	rrr
Strainer—Size ⅜	Fig. 1239-⅜	Lunkenheimer	2	sss
Strainer—Fuel	1809-1	Lunkenheimer	4	all
Strainer—Finger Type	2-1039-12 (2-3)	Parker	1	all
Strainer—Finger Type	2-1039-12 (2-4)	Parker	1	all
Strainer—Finger	2-1039-12 (2-16)	Parker	1	all
Strut—Tail Bumper Shock	52500	United Aircraft Products	1	all
Strut—N.L.G. Shock	8297B	Cleveland Pneu. Tool Co.	1	f
Strut—N.L.G. Shock	8297C	Cleveland Pneu. Tool Co.	1	eee
Strut—N.L.G. Shock	8297F	Cleveland Pneu. Tool Co.	1	da
Strut—N.L.G. Shock	8297E	Cleveland Pneu. Tool Co.	1	co
Strut—M.L.G. Shock	8298B	Cleveland Pneu. Tool Co.	2	dd
Strut—M.L.G. Shock	8298D	Cleveland Pneu. Tool Co.	2	gg
Switch—SPST—PL Tip	AN3021-2	Cutler-Hammer #8801K7	2	b
Switch—SPDT—Pl. Tip	AN3022-1	Cutler-Hammer #8200K7	16	c & b
			18	x
Switch—SPST—Pl. Tip	AN3022-2	Cutler-Hammer #8201K6	50	all
Switch—SPST—Lum. Tip	AN3022-2B	Cutler-Hammer #8201K7	44	all
Switch—SPDT Pl. Tip	AN3022-5	Cutler-Hammer #8209K6	4	all
Switch—SPDT—Pl. Tip	AN3022-7	Cutler-Hammer #8212K6	15	rrr
			16	sss
Switch—SPDT—Pl. Tip	AN3022-8	Cutler-Hammer #8211K7	10	all
Switch—DPDT—Pl. Tip	AN3023-1	Cutler-Hammer #8700K4	2	k
			5	e
Switch—DPST—Pl. Tip	AN3023-2	Cutler-Hammer #8701K4	4	all
Switch—DPDT—Pl. Tip	AN3023-6	Cutler-Hammer #8708K4	4	all
Switch—DPST—Pl. Tip	AN3023-8	Cutler-Hammer #8711K4	4	all
Switch—Generator Control Panel—Differential	AN3025-1	Westinghouse #7A5930 Cr. 1	4	all
Switch—DPDT—Pl. Tip	AN3027-3	Cutler-Hammer #8824K5	1	ce
			3	bx
Switch—Low Travel Limit	AN3210-1	Micro Switch #BZR31	8	c
			9	x
			10	b
Switch—Voltmeter Selector	AN3211-1	Cutler-Hammer #7260K13	1	all
Switch—Ignition—4 Engine	A804CDL	Pollak	1	all
Switch—SPDT—Roller Leaf Actuator	BRL2-36	Micro Switch	1	bx
Switch	BZ3RWT	Micro Switch	1	bm
Switch	BZ3YT	Micro Switch	2	dd
			6	gg
Switch—SPST Push Button	JR-H03-3T	R. Hetherington & Sons	1	all
Switch—SPST Push Button—Norm. Open Marked "Call" per LAC Spec. 612527-4	JR-P-O(Open)	R. Hetherington & Sons	26	ce
Switch—SPST Push Button Norm. Open	JR-P-O (Open-Plain)	R. Hetherington & Sons	26	bx
Switch—SPST Push Button—Norm. Closed	JR-P-O (Closed)	R. Hetherington & Sons	7	all
Switch—trigger	TDS	R. Hetherington & Sons	1	all
Switch—Micro	YZRL12	Micro Switch	2	all
Switch	YZ-R31	Micro Switch	6	c
			2	d
Switch—Prop. Feathering	2CC1B4	General Electric	4	all
Switch—Push Button Call—Plain Push Button	265	Edwards	2	eh
Switch—Push Button DPST	3594P	Arrow Hart & Hegeman	3	all
Switch—Thermocouple Selector	37S6C2	Lewis	1	all
Switch—Selector	4BHX7809	Centralab	3	all
Switch—Non-shortening Selector	6280	Centralab Division	1	all
Switch—Selector—Non-Shorting	7BHX7808	Centralab	1	all
Switch—Selector	7204	Centralab	1	all
Switch—Key Transfer	8282K9	Cutler-Hammer	1	dx
Switch—Micro—SPST Normally Open	8586	Micro Switch	1	all
Switch	8742K5	Cutler-Hammer	1	all
Switch—3 PDT—Pl. Tip	8744K6	Cutler-Hammer	1	e
Switch—DPDT—Pl. Tip	8834K1	Cutler-Hammer	2	all
Switch—Prop. Pitch Control	8884	Cutler-Hammer	1	all
Switch—Toggle	8905K514	Cutler-Hammer	4	all
Switch	8905K515	Cutler-Hammer	7	all
Switch	8905K540	Cutler-Hammer	2	all
Tail Piece—Auxiliary Ground Connector	2CD5308	American La France & Foamite Co.	1	all
Thermocouple—Aircraft Engine Gasket Type	AN5540-1		8	all
Thermocouple—Supercharger Oil Temp.	8T18H5		2	all
Thermostat	EYLD2259	Barber-Colman	2	all
Thermostat—Floating Type	12212-3	Airesearch	4	sss

ACCESSORIES (LESS ENGINE DRIVEN) (Continued)

Description	Part Number	Vendor	Req.	Serials
Thermoswitch	17343-3-450	Fenwal	86	all
Tire—33 In., 8 Ply	660053	Goodyear	2	all
Tire—50x17x20—24 Ply Nylon	660067	Goodyear	4	all
Transformer—Stabilizing—Type B-1	1171247 Type AVT12	Westinghouse	4	all
Tube—50x17 Inner Puncture Seal Tube	660078	Goodyear	4	all
Tube—33 In. Cactus Proof Inner	660079	Goodyear	2	all
Tubing—Prop. Anti-Icing Feed	SK699	B. F. Goodrich	12	all
Unit—Warning—Hydraulic Pres.	154	George A. Starbird	4	a
Unit—Warning—Hydraulic Pres.	1510	George A. Starbird	4	b
Urinal	1139	Sierra Manufacturing	1	all
Valve—Relief	AA11501	Vickers	2	all
Valve—Relief—Per LAC Spec. 667415	AA11057 (Special)	Vickers	1	all
Valve—Relief	AA11600 (1800PSI))	Vickers	2	all
Valve—Unloading	AA14522	Vickers	2	all
Valve—Oil Dilution & Separately Mounted Priming Solenoid	AN4078-1	Chas. Chapin #S100	4	all
Valve—Pres. Gauge Lines Bleeder & Filler Check	AN5832-2		8	all
Valve—Filler—With Mtg. Flange Oxygen System	AN6024-3	A. Schrader's Son #1660	2	all
Valve—Low Pressure Oxygen Check (Style A)	AN6030-1	A. Schrader's Son #1668	2	bt
Valve—Low Pressure Oxygen Check (Style G)	AN6036-1 or W1410G	A. Schrader's Son #2292 or Whittaker #W1410G	2	bz
Valve—Anti-Icer Relief	A8182-3 (special)	Adel	1	all
Valve—"Y" Globe	CE2-590	Collins	2	all
Valve—"Y" Globe	CE2-680	Collins	2	all
Valve—Booster Return By-Pass	D32-14-001	Interstate	2	all
Valve—M.L.G. Run Around	HL3660	Hoof Products	2	all
Valve—Oil Drain	K1625B	Kohler	4	all
Valve—Fuel Dump	L7691L	Lunkenheimer	2	all
Valve—Fuel Dump	L7691R	Lunkenheimer	2	all
Valve—Cone Check	PL8-2743-1	Parker	4	all
Valve—Cone Check	PL8-2743-2	Parker	1	all
Valve—Cone Check	PL8-2743-3	Parker	4	all
Valve—Check	PL8-2743-4	Parker	3	all
Valve—Cone Check	PL8-2743-5	Parker	4 3	a b
Valve—Check	PL9-2043-3	Parker	1	a
Valve—Check	PL9-2043-4	Parker	4	all
Valve—Static Pressure Selector (Complete with Nameplate)	SA12140	Johnson Service Co.	4	all
Valve—Hydraulic Filter Relief	W520-12D	Wm. Whittaker	2	all
Valve—Fuel Relief	W522-¼D	Wm. Whittaker	2	all
Valve—Plug Flanged	W6100-¼D	Wm. Whittaker	2	all
Valve—Drain	W7010-4D	Whittaker Co.	6	all
Valve—Drain—Hydraulic Emer. Filler Pump	W7600⅛B	Whittaker Co.	1	b
Valve—Restriction	1V459 Lot 1	Pesco Products	1	all
Valve—Plug	10-1845-75	Collins Engineering	4	all
Valve—Suction	11-2540-20	Parker	1	all
Valve—Thermal Relief	11146-3	United Aircraft	3	all
Valve—Anti-Icer Relief	11502-14	Adel	4	all
Valve—Anti-Icer Relief	11502-15	Adel	4	all
Valve—Serve On-Off	12-340-32	Parker	1	all
Valve—Shuttle	135-00940	Weatherhead	1	all
Valve—M.L.G. One Way Restrictor	1466	Hydro-Aire	2	all
Valve—Engine Selector	2CD5100C	American La France & Foamite Co.	1	all
Valve—Regulating	2550	Schwien	2	all
Valve—Vacuum Regulating	2760A	Schwien	3	all
Valve—Poppet Shut-Off	29033-5L	Aircraft Accessories	2	all
Valve—Single Poppet Shut-Off	29033-6-220C	Aircraft Accessories	1	all
Valve—¾ Line Poppet Cut-Off	29041	Aircraft Accessories	3	all
Valve—Instrument Vacuum Selector	3-2540-26		1	all
Valve—Selector	3-2540-27	Parker	2	all
Valve—Relief	3V216A	Pesco	4	all
Valve—Brake	36083A	Aireon Manufacturing Corp.	2	all
Valve—Plug	4-1042-11-2	Parker	9	all
Valve—3 Way Hydraulic Selector	4-344-1	Parker	1	all
Valve—Solenoid Fuel System	40R249H	General Controls	4	all
Valve—Solenoid	40R521D	General Controls	4	all
Valve—Solenoid Fuel	40R715A	General Controls	2	all
Valve Assembly—Globe Restrictor	400525	Bendix	2 4 5	a b ccc
Valve—⅝ Tube Check	401567	Bendix	2	all
Valve—Brake System Selector	403172	Bendix	1	all

Description	Part Number	Vendor	Req.	Serials
ACCESSORIES (LESS ENGINE DRIVEN) (Continued)				
Valve—¾ Tube Size Hydraulic Four Way to carry "R" after Serial Number	403875-0-1	Bendix Aviation	1	all
Valve—Solenoid Fuel Shut-Off	44R128C	General Controls	4	all
Valve—Hydraulic Shut-Off	44R142	General Controls	4	d
Valve—Cone Check	475GG¾D	Parker	3	all
Valve—Check	475HT4D	Parker	2	all
Valve—Cone Check	475HT6D	Parker	3	ccc
			2	ddd
Valve—Check	475HT8D	Parker	2	all
Valve—Swing Check (with spring)	5-145-75	Parker	6	all
Valve—Swing Check	525GG¼D	Parker	2	all
Valve—Swing Check	525GG⅛D	Parker	1	all
Valve—Swing Check—Aromatic Resistant	525GG1¼D	Parker	4	all
Valve—Swing Check	525GT6D	Parker	3	all
Valve—Swing Check	525GT16D	Parker	4	all
Valve—Swing Check	525HT10D	Parker	2	all
Valve—Swing Check	525LFT4D	Parker	2	all
Valve—Swing Check	525LGT16D	Parker	4	all
Valve—Swing Check	525LGT4D	Parker	1	all
Valve—Butterfly	55A38	Surface Combustion	2	all
Valve—Relief Oil Pressure	556-1B	Eclipse	5	all
Valve—Cylinder Plug Size 24	6-1941-45-2	Parker	4	all
Valve Assembly—Steering Control	600-80240	Weatherhead	1	ccc
Valve—Windshield De-Icing	7-2841-20REW	Parker	2	all
Valve—2 Way Plug	702FG10D	Parker (Purchase as LAC Reworked Pt. No. 279324)	1	all
Valve—Vacuum Selector—with Type 701P1 Handle	710-13-8D (Lube 3)	Parker	1	all
Valve—2 Way Plug	715FT4D	Parker	1	all
Valve—2 Way Plug	715FT6D	Parker	1	all
Valve—Shut-Off	717CT6D	Parker	2	all
Valve—Distributor	807-2	Eclipse	1	all
Vest—Life	2013	Air Cruisers	54	bx
Visor—Pilot	1540A	Fulton	2	all
Wheel Assembly—M.L.G.	530402M	Goodyear	4	all
Wiper—Electric Windshield	22V5E	Marquette Metal Products	11	all
Wheel Assembly—N.L.G.—Bendix Dwg. No. 57608M	145489	Bendix Products	2	all
ENGINE DRIVEN ACCESSORIES				
Generator—Tachometer	AN5531-1		4	all
Generator	1193-3	Eclipse	4	all
Governor—Propellor	3G8C67M	Hamilton Standard	4	ca
Governor—Propellor	5G8A36M	Hamilton Standard	4	bu
Propellor Assembly—RH Full Feathering Hydromatic Constant Speed	33E60/6801A-0	Hamilton Standard	4	all
Pump—Hydraulic	AA20500	Vickers	4	all
Pump—Engine Driven Fuel	2P771A1	Pesco	4	bx
Pump—Engine Driven Fuel	248E-B-Lot 7	Pesco	4	ce
Pump—Vacuum	3P485	Pesco	4	all
Spinner—Propellor	58430	Hamilton Standard	4	all
Starter—Type G-20—RH Rotation, 12 Tooth Jaw	JH4ER	Jack & Heintz	4	all
INSTRUMENTS				
Adapter—Remote Control	644119	Sperry Gyroscope Co.	2	all
Altimeter—Pressure	AN5760-1A		4	xx
			3	ww
Ammeter	606-168P	Weston Electric Instrument Corp.	2	all
Bulb—Electrical Resistance Type Thermometer—70° to 150° C	AN5525-1		17	all
Clock—1⅞" Dial	AN5743-1A		2	ce
			3	bx
Compass—Astro	AN5738-1		1	all
Compass—Pilot's Card Type Magnetic	AN5733-1	Pioneer #1818-4A	1	ce
			2	bx
Control Unit—Directional Gyro	661071	Sperry Gyroscope Co.	1	all
Control Unit—Bank and Climb	661072	Sperry Gyroscope Co.	1	all
Driftmeter—51" Tube	AN5763-51	Pioneer #2919-2FA	1	xx
Filter—Air—Vacuum Operated Instruments	AN5822-1	Sperry #77869, Skinner #27300	2	all
Filter—Gyro Oil	648039	Sperry Gyroscope Co.	1	all
Gauge—Suction—Single 1⅞ Dial	AN5771-5A	U.S. Gauge #AW1⅞-21AK-2	3	rrr

INSTRUMENTS (Continued)

Description	*Part Number*	*Vendor*	*Req.*	*Serials*
Gauge—Gyro Pilot Pressure	AN5771-6A	U.S. Gauge #AW1⅞-14D1-2	1	all
Gauge—Oxygen	AN6021-1A		1	bu
Gauge—De-Icer Vacuum Pressure	AW1⅞-16W	U. S. Gauge Co.	1	all
Gauge—Elevator Trim	AW1⅞-28A	U. S. Gauge Co.	1	all
Gauge—Wash Water Quantity	S106LXI	BostonAuto Gauge Co.	1	v
Gauge—Wash Water Quantity	106D1	Boston Auto Gauge Co.	1	u
Gauge Assembly—Brake Pressure	289992	Made from AN5771-4A	2	all
Gauge—Dual Manifold Pressure 1 and 2	728BK04	Kollsman Instrument Div.	2	all
Gauge—Dual Manifold Pressure 3 and 4	728BK05	Kollsman Instrument Div.	2	all
Gauge—Vacuum	97-02	Kollsman Instrument Div.	3	sss
Indicator—Electric Tachometer	AN5530-1A	Pioneer #1722-2AK-B2	4	aa (less bt)
Indicator—Directional Gyro	AN5735-1A	Sperry #646050	2	all
Indicator—Gyro Horizon	AN5736-1A	Sperry #646040	2	all
Indicator—Thermocouple Thermometer, Dual	AN5536-2A	Weston #827 Type 15	2	all
Indicator—Electrical—Wheels and Flap Position	AN5780-3	Pioneer #6531-1L	1	2031-2075 & du
Indicator—Single Thermometer—Cabin Air/Free Air	AN5790-6	Weston #727 Type 52	4	rrr
			3	rrr
Indicator—Dual Thermometer—Heater Duct/Oil/Carb. Air	AN5795-6	Weston #828 Type 4	7	all
Indicator—Turn and Bank	AN5820-1		2	all
Indicator—Rate of Climb	AN5825-5	Pioneer #1634-1AF-1A	3	all
Indicator—Hydraulic Fluid Quantity	EA102-9	Liquidometer Corp.	1	all
Indicator—Anti-Icer Fluid Quantity	EA108	Liquidometer Corp.	1	all
Indicator—Oil Quantity	EA155B1	Liquidometer Corp.	1	all
Indicator—Oil Quantity	EA155B2	Liquidometer Corp.	1	all
Indicator—Fuel Quantity	EA155B3	Liquidometer Corp.	1	all
Indicator—Fuel Quantity	EA155B4	Liquidometer Corp.	1	all
Indicator—Ball Bank	1017	Rieker Instrument	1	all
Indicator—Hydraulic Pressure	5950-53B1	Pioneer Instrument Div.	1	all
Indicator—Fuel Pressure—Dual	6007-14F1	Pioneer Instrument Div.	1	all
Indicator—Fuel Pressure—Dual	6007-14F2	Pioneer Instrument Div.	1	all
Indicator—Oil Pressure—Dual	6007-4H-27-B	Pioneer Instrument Div.	2	all
Indicator—Oil Pressure—Dual	6007-4H-28-B	Pioneer Instrument Div.	2	all
Indicator—Torquemeter	6007-41B20	Pioneer Instrument Div.	1	all
Indicator—Torquemeter	6007-41B21	Pioneer Instrument Div.	1	all
Indicator—Fuel Flow—Dual	6007-51C20	Pioneer Instrument Div.	1	all
Indicator—Fuel Flow—Dual	6007-51C21	Pioneer Instrument Div.	1	all
Indicator—L.G. and Wing Flap Position	6531-1L	Pioneer Instrument Div.	1	cc
Indicator—Dual Tachometer—1 and 2	740CK04	Kollsman Instrument Div.	2	bb & bt
			1	aa (less bt)
Indicator—Dual Tachometer—3 and 4	740CK05	Kollsman Instrument Div.	2	bb & bt
			1	aa (less bt)
Indicator—Quadrant Flap Position	8DJ20AAF	General Electric Co.	3	all
Indicator—L.G. and Wheel Flap Position	8DJ26AAA	General Electric Co.	1	sss
Indicator—Airspeed—Type F2A	94-27335B		3	xx
			2	ww
Mounting Unit—Gyro Pilot	643917	Sperry Gyroscope Co.	1	all
Servo Unit—Aileron and Elevator	645218 (115PSI)	Sperry Gyroscope Co.	2	all
Servo Unit—Rudder	645218 (140PSI)	Sperry Gyroscope Co.	1	all
Shaft—Gyro Remote Control	B3164Y50	S. S. White Dental Co.	1	all
Shaft—Gyro Remote Control	B3164Y53	S. S. White Dental Co.	1	all
Standard—Astro Compass *(See Loose Equipment List)*	AN5738-2		1	xx
Synchroscope—Engine	549B09	Kollsman Instrument Div.	1	rrr
Synchroscope	8DJ15AAH	General Electric	1	sss
Thermocouple	8T18H5	Lewis Engineering	1	all
Transmitter—Electrical—Flap Position	AN5785-1		1	d
Transmitter—Anti-Icer Fluid Quantity	EA15B628026	Liquidometer Corp.	2	all
Transmitter—Hydraulic Fluid Quantity	EA15A628039A	Liquidometer Corp.	1	all
Transmitter—Inbd. Fuel Quantity	EA65A375	Liquidometer Corp.	2	all
Transmitter—Inbd. Oil Quantity	EA65A628013	Liquidometer Corp.	2	all
Transmitter—Inboard Fuel Quantity	EA65A628016	Liquidometer	1	all
Transmitter—Outbd. Oil Quantity	EA65A628033	Liquidometer Corp.	2	all
Transmitter—Outbd. Fuel Quantity	EA86A376	Liquidometer Corp.	2	all
Transmitter—Secondary—Outbd. Fuel Quantity	EA87A377	Liquidometer Corp.	2	all
Transmitter—Oil Pressure	4150-3	Pioneer Instrument Div.	8	all
Transmitter—Fuel Pressure	4050-4	Pioneer Instrument Div.	4	all
Transmitter—Torquemeter	4150-11	Pioneer Instrument Div.	4	all
Transmitter—Hydraulic Pressure	4154-10	Pioneer Instrument Div.	8	all
Transmitter—Wing Flap Position	6615-2A	Pioneer Instrument Div.	1	c
Transmitter—Wheel Position	6621-1A	Pioneer Instrument Div.	3	c
Transmitter—Fuel Flow	9054-5	Pioneer Instrument Div.	4	all

SUPPLEMENTAL DATA

Description	Part Number	Vendor	Req.	Serials
INSTRUMENTS (Continued)				
Tube—Pitot Static	372E012	Kollsman Instrument Div.	2	all
Unit—Remote Control	629052	Made from Sperry #642988	1	all
Valve—Speed Control	644424	Sperry Gyroscope Co.	1	all
Voltmeter	606-138P or 606-138P1	Weston Electric Instrument Corp.	1	all
Warning Unit—Oil Pressure	Fig. 2111 (50PSI)	U. S. Gauge	4	fa
Warning Unit—Oil Pressure	3131-1	Pioneer Instrument Div.	1	cw
Warning Unit—Fuel Pressure	Fig. 2110	U. S. Gauge	1	fa
Warning Unit—Fuel Pressure	3123-3A (14PSI)	Pioneer Instrument Div.	4	cw
Warning Unit—Vacuum	3124-1A	Pioneer Instrument Div.	4	all
Warning Unit—Oil Pressure	555-549 (42PSI)	Cook Bros. Electric	4	cw

SUPPLEMENTAL DATA

Service Bulletins and Instructions

The following is a list of Service Bulletins and mandatory service instructions being accomplished on airplanes throughout the Model 49 serial span. The catalog text affected by mandatory Service Bulletins is adjusted with reference made to the bulletin covering the changes. Catalog references shown for non-mandatory bulletins indicate the location of the appropriate subject matter, but do not necessarily mean the inclusion of the bulletin.

**Indicates Mandatory and CAA Recertification Changes*

Bulletin No.	*Title*	*Serial Code*	*Catalog Reference*
*49/SB-1	Replacement of Carburetor and Installation of Engine 2-speed Supercharger	DU & RRR	Fig. 103
49/SB-2	Reinforcement of Flight Engineer's Seat	XXX	Fig. 64
49/SB-3	Installation of Inboard Dump Valve Spring Brace Rod	All	Fig. 115
*49/SB-4	Addition of Circuit Breaker to Elevator Tab Circuit	MMM	Fig. 196
49/SB-5	Routing of Wing De-icer Lines Out of Fuel Tank Area	FFF	Figs. 168, 171
*49/SB-6	Rework of Main Landing Gear Torque Arms	All	Fig. 151
49/SB-7	Correct Rigging of Main Landing Gear Forward Door Actuating Mechanism	AO & DU	Figs. 17, 18
49/SB-8	Rework of Elevator Booster By-Pass Lever	AV & 2035	Fig. 136
49/SB-9	Control of Engine Induction System Fires and Mixture Control Rigging Check	RRR	Figs. 196, 198
*49/SB-10	Installation of Fire Warning Bell and Revision of Fire Warning Light Circuits	DT	Figs. 196, 197, 198, 200
49/SB-10A	Replacement of S2402 Unit Fire Detection No. 5 Induction Pipe	BJ	Fig. 196
49/SB-11	Installation of Propeller Anti-icing Feed Shoe and Ring	XXX	Figs. 170, 171
49/SB-12	Addition of Restrictors to Fuel Pump Relief Valve Balance Lines and Modification of Fuel Pump	DT	Figs. 114, 116
*49/SB-13	Installation of Fire Extinguisher in Navigator and Relief Crew Compartment (See also 49/SB-138)	DT	Fig. 93
*49/SB-14	Installation of Bendix Direct Fuel Injection System	All	Figs. 114, 68, 75, 120, 103, 74, 67, 118, 72, 173, 170, 171, 188, 192, 198
49/SB-15	Cancelled—See 49/SB-135		
49/SB-16	Rework of Landing Gear Uplock Assembly	DU & O	Fig. 152
49/SB-17	Cancelled—See 49/SB-141		
49/SB-18	Rework of Control Surface Booster System	DU & CX	Figs. 76, 77, 78
*49/SB-19	Rework of Elevator Booster Shifter Horn Assembly	DU & O	Figs. 131, 132, 133
*49/SB-20	Grounding of Engine Autosyn Transmitters to Frame	2021, 2022, 2026 thru 2028, 2034 & 2035	No Illustrations Affected
49/SB-21	Cancelled—See 49/SB-155		
*49/SB-22	Installation of Rudder and Electrical Auxiliary Boost Non-trip Fuel Electrical System	All less DU	Figs. 196, 197, 200
49/SB-23	Nacelle Bulkhead Rivet Installation	ET	Fig. 15

Bulletin No.	Title	Serial Code	Catalog Reference
*49/SB-24	Rework of Engine Cowl Diaphragm Structure	All	Fig. 69
49/SB-25	Installation of Plumb-bob Leveling Provisions	All	No Illustrations Affected
49/SB-26	Outboard Rudder Provisions of Draining	DU, & FB	Figs. 24, 81
*49/SB-27	Fire Extinguisher Valves Revision	1975 thru 1977 & CX	Fig. 188
49/SB-28	Inspection and Maintenance of CO_2 Bottle Actuating Mechanism	DU & O	Fig. 188
49/SB-29	Replacement of Astrodome Defogging Provisions	All	Fig. 203
49/SB-30	Alternate Installation of Engine Oil Covers	DU & DDD	Fig. 120
49/SB-31	Replacement of Elevator Booster Pulleys	DU & AJ	Fig. 132
49/SB-32	Installation of Flashing Fuselage Position Lights	DU & RRR	Fig. 196
49/SB-33	Horizontal Stabilizer Tip Stiffening	DU & RRR	Fig. 24
49/SB-34	Loop Antennae Housing Abrasion Slide	DU & RRR	Fig. 203
49/SB-35	Cancelled—See 49/SB-138		
49/SB-36	Main Hydraulic Filter Cover and Gasket Modification	DU & A	Fig. 144
49/SB-37	Cancelled		
49/SB-38	Installation of Cabin Heater Spark Ignition	All	Fig. 182
49/SB-39	Cancelled		
49/SB-40	Stub Wing Lower Surface Access Holes	All	No Illustrations Affected
*49/SB-41	Replacement of Pilot and Co-Pilot Windshield Panels	EK	Fig. 43
*49/SB-42	Replacement of Wing Station 80 Bathtub Fitting Nuts	DU & O	No Illustrations Affected
49/SB-43	Instrument Panel Quick Disconnects Revision	All	Fig. 191
49/SB-44	Sealing of Main Cabin and Crew Doors	All	No Illustrations Affected
49/SB-45	Cabin Heater Igniter and Plug Access Provisions	All	Fig. 182
49/SB-46	Windshield Panels Hot Wire Installation	DU & RRR	Figs. 43 & 199
49/SB-47	Static Source	DU & RRR	Fig. 195
*49/SB-48	Fuel Cross Feed Thermal Relief Installation	All	Fig. 114
49/SB-49	Passenger Reading Light Reflectors	All	No Illustrations Affected
*49/SB-50	Cabin Air Recirculating Fan	DU & RRR	Figs. 126 & 179
*49/SB-51	Inspection of Landing Gear Fulcrum Bolts	DU & FU	Fig. 12
*49/SB-52	Rework of Ailerons	DU & A	Fig. 21
*49/SB-53	M.L.G. Downlock Strut Replacement	DU & RRR	Figs. 151 & 154
49/SB-54	Rework of Cockpit Double Window Assemblies	DU & RRR	Fig. 43
49/SB-55	Issued As 49/SI-102		
49/SB-56	Replacement of M.L.G. Drag Link "Caution" Nameplate	All	Fig. 154
49/SB-57	Sealing of Cabin Pressure Control Unit	All	No Illustrations Affected
*49/SB-58	Sealing of Main Landing Gear Doors	DU & RRR	Figs. 13, 14, 15, 17, 18
49/SB-59	Not Issued		
49/SB-60	Battery Cart Plug Receptacle Terminals	DU & DD	No Illustrations Affected
49/SB-61	Moisture-proofing of Landing Gear Torque Arm Switch	All	Fig. 151
49/SB-62	Cabin Supercharger Supports	DU & RRR	Fig. 172
*49/SB-63	Engine Fire Seal Cut-outs for External Oil Lines	All	No Illustrations Affected
*49/SB-64	Replacement of Generator Mfg. Head to Yoke Bolts	All	Fig. 67
*49/SB-65 and *49/SB-65A	Fenwal Fire Detector Thermoswitch	All	Fig. 196
49/SB-66	Installation of Long Range Wing (Conversion to Model 149)	D	Figs. 19, 20, 31, 107, 114, 125, 126, 127, 128, 151, 158, 159, 168, 171, 172, 196, 198.
49/SB-66A	Installation of Long Range Wing (Conversion to Model 149)	DU & C	Same as above

Bulletin No.	*Title*	*Serial Code*	*Catalog Reference*
49/SB-67	Used on M649 Only		
49/SB-68	Installation of Fuel Cross Feed Shut-off Valve	All	Figs. 114, 85, 100
49/SB-69	Installation of 68½° N.L.G. Steering	DU & DDD	Fig. 158
49/SB-69A	Conversion of N.L.G. 50° to 68½° Steering	CCC	Fig. 158
49/SB-70	Auto-Pilot Hydraulic Pump Suction Lines Replacement	DU & NNN	Fig. 129
49/SB-71	De-icer Lines Rubber Fittings	All	Fig. 168, 171
49/SB-72	Replacement of Fuel Dump Valve Discs	DU & 2021 thru 2057, 2059 & 2082	Fig. 115
*49/SB-73	Relocation of Cabin Heater Fuel Pump By-Pass	All	Fig. 183
49/SB-74	Cancelled		
49/SB-75	Cancelled by 49/SB-107		
49/SB-76	Elevator Booster Upper Pivot	AA	Fig. 133
49/SB-77	Addition of Rudder Booster Horn Spacer	DU	Fig. 134
49/SB-78	Locking Provisions for Hydraulic Hand Pump Selector Handle	All	Fig. 145
*49/SB-79	Carburetor Anti-icer Pump	DU & UU	Fig. 170
49/SB-80	Drain Lines for Oil Separator Relief Valves	All	Figs. 120 & 171
49/SB-81 (Change A)	Mixture and Carburetor Heat Control Detent Cable	DU & KK	Fig. 100
49/SB-81 (Change B)	Mixture and Carburetor Heat Control Detent Cable	DU & RRR	Figs. 100 & 101
49/SB-82	Cancelled		
49/SB-83	Aileron Access Door	All	Fig. 21
49/SB-84	Rudder and Elevator Booster Cylinder Rod Ends	All	Fig. 136
49/SB-85	Replacement of Wash Water Tank Shut-off Valve Float	DU 2030, 2032, 2033, 2035 thru 2088	Fig. 190
*49/SB-86	Rerouting of Thermocouple Wires in Right Inboard Nacelle	All	Fig. 196
49/SB-87	Cancelled		
49/SB-88	Cancelled		
49/SB-89	Reinforcement of Inboard Nacelle Tail Cone Bulkhead	All	No Illustrations Affected
49/SB-90	Removal of "Intentional Spins" Placard	All	No Illustrations Affected
*49/SB-91	Electrical Power Lead Studs	DU & RRR	No Illustrations Affected
49/SB-92	Engine Driven Hydraulic Pump	All	Fig. 125
*49/SB-93	Exhaust System Ball-Joint and Collector Segments	DU & RRR	Fig. 74
*49/SB-94	Replacement of Exhaust System Ball-Joints	DU & RRR	Fig. 74
*49/SB-95	Installation of Generator Circuit Breaker	DU & RRR	No Illustrations Affected
49/SB-96	Cancelled		
*49/SB-97	Sealing, Draining and Ventilating of Nacelle	DU & RRR	Fig. 70
*49/SB-98	Engine Filtered Air Compartments and Plumbing	DU & RRR	Figs. 125, 126 & 196
49/SB-99	Cancelled		
*49/SB-100	Fuel Pressure Warning Units	DU & RRR	Fig. 114
*49/SB-101	Hydraulic Pump Case Drain Lines	DU & RRR	Figs. 125 & 126
*49/SB-102	Engine Fuel Pump Lines	DU & RRR	Fig. 114
*49/SB-103	Replacement of Small Lines with Flexible Hose	All	Figs. 120, 68, 114 & 170
*49/SB-104	Windshield Wiper Motor Circuit Fuse	DU & RRR	No Illustrations Affected
49/SB-105	Windshield Heater Wire	All	Fig. 183
*49/SB-106	Replacement of Windshield Heater Wire	DU & RRR	No Illustrations Affected
*49/SB-107	Cabin Supercharger Drive Shaft	DU & RRR	Figs. 75, 175, 67 & 193
*49/SB-108	Fire Wall Plumbing Fittings	All	Figs. 114, 125, 68, 120, 170 & 171

SUPPLEMENTAL DATA

Bulletin No.	Title	Serial Code	Catalog Reference
*49/SB-109	Vacuum Pump Cooling Provisions	DU & RRR	Fig. 75
*49/SB-110	Alcohol Tanks Installation	All	Fig. 170
49/SB-111	Main Beam Flame Shield	All	No Illustrations Affected
49/SB-112	Cancelled		
*49/SB-113	Aluminum Electric Wires and Terminals	DU & RRR	No Illustrations Affected
*49/SB-114	Electrical Receptacles	DU & RRR	No Illustrations Affected
*49/SB-115	Galley Circuit Breaker Insulation	All	No Illustrations Affected
*49/SB-116	Generator Field Switch Type Circuit Breaker	DU & RRR	Fig. 197
*49/SB-117 (Change A)	Right Angle Electrical Terminals	DU & RRR	No Illustrations Affected
*49/SB-117 (Change B)	Right Angle Electrical Terminals	DU & A	No Illustrations Affected
*49/SB-118	Electrical Wiring in Main Gear Well	DU & RRR	No Illustrations Affected
*49/SB-119	Main Landing Gear Door Hinge Sealing	2021 thru 2075	Figs. 17 & 18
*49/SB-119A	Main Landing Gear Doors Sealing	DU & C	Figs. 17 & 18
*49/SB-119B	Main Landing Gear Doors Sealing	2031 thru 2080	Figs. 17 & 18
49/SB-120	Cancelled		
*49/SB-121	Fireproof Hose and Double Clamp Installation	DU & RRR	Figs. 114, 120, 170 & 171
*49/SB-122	Installation of Stainless Steel CO_2 Lines	DU & RRR	Fig. 183
*49/SB-123	Replacement of Alcohol Tank Supply and Vent Lines	DU & RRR	Fig. 170
*49/SB-124	Engine Fire Detection System	DU & RRR	Figs. 188 & 196
*49/SB-125	Cargo Compartment Insulation	DU & RRR	No Illustrations Affected
*49/SB-126	Electrical Wiring at Fire Wall	DU & RRR	No Illustrations Affected
*49/SB-127	Sealing of Cabin Heated Panel in Stub Wing Fillet	DU & RRR	Fig. 182
49/SB-128	Cancelled		
*49/SB-129	Hydraulic Pump Pressure Hose	DU & RRR	Figs. 125 & 126
49/SB-130	N.L.G. Torque Arm Disconnect Nameplate	2068 thru 2075	Fig. 53
*49/SB-131	De-icer Distributor Valve Oil Separator Drain Line Rerouting	DU & RRR	Figs. 168 & 171
*49/SB-131A	Installation of Sump Tank De-icer Distributor Valve Oil Separator Line	DU & RRR	Fig. 171
*49/SB-132	Electrical Wiring, Stations 296 and 316	DU & RRR	No Illustrations Affected
*49/SB-133	Installation of Lines and Clamps on Sump Tank to Propeller Feathering Pump Lines	DU & RRR	Fig. 124
*49/SB-134	Engine Torquemeter Plumbing Protective Shield	DU & RRR	Figs. 114, 125 & 126
*49/SB-135	Fuselage Drain Holes	DU & RRR	No Illustrations Affected
*49/SB136	Cabin Heater Flexible Fuel Line	DU & RRR	Fig. 183
*49/SB-137	Inboard Fuel Tank Interconnector Hose Clamps	DU & RRR	No Illustrations Affected
*49/SB-138	Provisions for CO_2 System Increased Capacity	DU & RRR	Figs. 93 & 188
*49/SB-139	Summary of Constellation Recertification	All	No Illustrations Affected
49/SB-140	Cancelled		
*49/SB-141	Cabin Supercharger Replacement	All	Fig. 173
49/SB-142	Cancelled		
*49/SB-143	Single Hose Assembly for Fuel Pump to Flowmeter	All	Fig. 114
49/SB-144	Cabin Reading Lights and Call System Conduits	DU & RRR	No Illustrations Affected
49/SB-145	Not Issued		
49/SB-146	Modification of M.L.G. Actuating Cylinder Shuttle Valve	All	No Illustrations Affected
49/SB-147	Cancelled		
49/SB-148	Landing Flare Release Lever Replacement	All	Fig. 205
49/SB-149	Improved Sealing of Fuel Tank Access Panels	All	Fig. 12

Bulletin No.	Title	Serial Code	Catalog Reference
49/SB-247	Rework of Cowl Flap and Oil Cooler Flap Limit Switch Actuating Levers	All	Figs. 72 & 123
49/SB-248	Revision of Cabin Supercharger	All	Figs. 172, 173 & 174
49/SB-249	Reduction of Starter Torque	All	No Illustrations Affected
49/SB-250	Installation of Auto Pilot Pump Drip Pan	DU & 2055 thru 2075	No Illustrations Affected
49/SB-251	Rudder Booster Feel Lever Bearings	All	Figs. 134 & 135
49/SB-252	Stub Wing Flap Inspection Holes	DU & DQ	Fig. 110
49/SB-253	Revision to Wiring Adjacent to Magnetic Compass	All	Fig. 200
49/SB-254	Revision of Fluxgate System and Adjacent Wiring	All	No Illustrations Affected
49/SB-255	Fuel Injection Fuel Filter Installation	All	Fig. 114
49/SB-256	Rudder Attaching Plate Nuts and Holes	All	Figs. 24 & 25
49/SB-257	Voltage Regulator Ventilating Provisions	All	Fig. 54
49/SB-258	Replacement of Clocks and Auxiliary Fuel Pumps	2076 thru 2080	No Illustrations Affected
49/SB-259	Replacement of Fuel Dump Valve Link	All	Fig. 115
49/SB-260	Rudder Pedal Slot Covers	CCC	Figs. 107 & 108
49/SB-261	Replacement and Rework of Oil Tanks Access Doors	All	Figs. 4 & 12
49/SB-262	Rewiring of L.H. Cabin Heated Damper Valve Motor	SSS	Fig. 182
49/SB-263	Brake Pressure Gages	All	Fig. 127
49/SB-264	Navigator's Safety Harness	FV	No Illustrations Affected
49/SB-265	Temporary Engine R.P.M. Reduction	All	No Illustrations Affected
49/SB-266	Installation of Controllable Sheltered Alternate Entrances for Engine Air Intake Ducts	All	Fig. 69
49/SB-267	Issued as 49/SIL-80		
49/SB-268	Revision of Carburetor Pre-heat Door Seal	DU & PPP	Fig. 119
49/SB-269	Rework of Forward Baggage Compartment Door Handle Mechanism	All	Fig. 164
49/SB-270	Modification of Cowl Flap Position Indicator	All	No Illustrations Affected
49/SB-271	N.L.G. Side Strut Upper Terminals	All	Figs. 161 & 162
49/SB-272	Cancelled		
49/SB-273	Used on M649 only		
49/SB-274	M.L.G. Aft Door Hinge Support Structure	D	Fig. 18
49/SB-275	Installation of Aft Cargo Compartment Insulation Blankets	All	No Illustrations Affected
49/SB-276 49/SB-278	Installation of Insulation Pads Under Passenger Cabin Floor Carpets	DU & RRR	No Illustrations Affected
49/SB-277	Revision of Elevator Booster Feel Lever Bearings	All	Fig. 133
49/SB-278	Replacement of Cabin Pressure Control Valve Bleed Screws	All	Fig. 177
49/SB-279	Addition of M.L.G. Door Bumpers	D	Fig. 18
49/SB-280	Cancelled—Accomplished in Production		
49/SB-281 and 49/SB-281A	Conversion of Model 049-25 to 049-26 Interiors	FM	No Illustrations Affected
49/SB-282	Provision for Take-off Gross Weight Increase	All	Figs. 152 & 161
49/SB-283	Replacement of Wing Flap Motor Swivel Fitting	All	Fig. 126
49/SB-284	Cancelled		

SUPPLEMENTAL DATA

Bulletin No.	Title	Serial Code	Catalog Reference
*49/SB-150	Propeller Feathering Line Protection	DU 2021 thru 2082	No Illustrations Affected
49/SB-151	Wing Joint Station 80 Rework	All	No Illustrations Affected
*49/SB-152	Replacement of Junction Box, Zone 3 Attaching Nuts	All	No Illustrations Affected
49/SB-153	Sealing of Stub Wing Fillet Access Door	All	Fig. 33
49/SB-154	Cancelled		
*49/SB-155	Copper Wires in Lieu of Aluminum Wires	DU & RRR	No Illustrations Affected
*49/SB-156	Supercharger Oil (Spray) Temperature Indicator—Installation of	DU & RRR	Fig. 78
*49/SB-156A	Nameplate for Temperature Indicator Selector Valve	2076 thru 2081	No Illustrations Affected
49/SB-157	Nacelle Ventilation, Scoop Tubes Installation	All	No Illustrations Affected
49/SB-158	Installation of Parker Fuel Dump Valves	All	Fig. 115
49/SB-159	Cancelled—Issued as a Service Information Letter		
49/SB-160	Heat Protection of Flooring from Cabin Light Resistor	All	No Illustrations Affected
*49/SB-161	Alcohol Tank, Supply and Vent Lines for Carburetor Anti-icing Installation	All	Fig. 170
49/SB-162	Reinforcement of Aileron Leading Edge	DU & A	Fig. 21
49/SB-163	Use of Silicon Grease in Solenoid Valves	All	No Illustrations Affected
49/SB-164	Replacement of Nose Gear Emergency	All	Fig. 128
49/SB-165	Elevator Debooster Lever Assemblies	DU & PPP	Fig. 133
49/SB-166	Wing Flap Chafing Strips	All	No Illustrations Affected
49/SB-167	Cancelled by 49/SB-184		
49/SB-168	Rework of M.L.G. Downlock Release Cylinder	All	Fig. 156
*49/SB-169	Revision of Hydraulic Return Lines, Cabin Fan, and Wing Flap Motor	DU & RRR	Figs. 125 & 126
49/SB-170	Replacement of M.L.G. Aft Door Actuating Rods	All	Figs. 17 & 18
*49/SB-171	Removal of Soundproofing near Voltage Regulator	All	No Illustrations Affected
49/SB-172	Rework of Aft Cargo Compartment Door	All	Fig. 51
49/SB-173	Replacement of Wooden N.L.G. Doors	DDD	Fig. 49
49/SB-174	Cabin Chair Trim Guards	All	Fig. 59
*49/SB-175	Installation of Cabin Door Housing Covers and Door Steps	All	Fig. 47
49/SB-176 thru 49/SB-178	Cancelled		
*49/SB-179	Crew Seat Upholstery Covers	All	No Illustrations Affected
*49/SB-180	Rework of Used Towels, Paper and Waste Receptacles	All	Fig. 61
*49/SB-181	Rework of Baggage Compartment Lining	All	Figs. 54 & 55
49/SB-182	Cancelled		
*49/SB183B	Installations of Smoke Detectors (Replaces SB-183)	All	Figs. 171, 189 & 198
*49/SB-184	Installation of CO_2 Provisions for Cargo Compartments	All	Figs. 93 & 188
49/SB-185 and 49/SB-187	Cancelled		
*49/SB-188	Enclosure of Cabin Heated Fuel Control System Components	All	Fig. 182
49/SB-189	Cancelled		
*49/SB-190	Installation of Damper Valve in Cabin Heater Outlet Duct	All	Fig. 182
*49/SB-191	Replacement of Aluminum Firewall, Electrical Fittings with Steel Fittings	All	Figs. 70 & 196
49/SB-192 thru 49/SB-197	Cancelled		
49/SB-198	Insulation of Flight Engineer's Fuse Panel	DU & RRR	Fig. 101
49/SB-199	L.G. Uplock Assemblies and M.L.G. Door Actuating Mechanism	All	Figs. 17, 18 & 166

Bulletin No.	Title	Serial Code	Catalog Reference
49/SB-200	Rework of Flight Engineer's Terminal Panel	DU & RRR	Fig. 197
*49/SB-201	Fuel Dumping Provisions	All	Figs. 114 & 115
49/SB-202	Cancelled		
49/SB-203	Cancelled (See 49/SB-80)		
49/SB-204 thru 49/SB-207	Cancelled		
*49/SB-208	Replacement of Elevator Cable Seals	All	Fig. 79
49/SB-209	Marking of Hydraulic Fluid Indicator and Dip Stick Gage	All	Fig. 144
49/SB-210	Replacement of Tail Bumper Shock Strut Pivot Pins	DU & 2021 thru 2081	Fig. 141
49/SB-211	Cancelled		
49/SB-212	Revision of Auto Pilot Power Supply	All	Fig. 129
49/SB-213	Cancelled		
*49/SB-214	Addition of Drain Holes in Metal Covered Ailerons	DU & DQ	Fig. 21
49/SB-215	Safetying of Fuel Dump Valve Gland Nut	DU & RRR	No Illustrations Affected
*49/SB-216	Relocation of Fenwal Fire Detectors	DU & RRR	Fig. 196
49/SB-217	Rework of Auto Pilot Pump Motor Wiring	DU & NNN	No Illustration Affected
49/SB-218	Rework of Hostess Call Panel Attachment	DU & BL	Fig. 201
49/SB-219	Prevention of Fillet Chafing	All	Figs. 16, 24 & 26
49/SB-220	Installation of CO2 Fire Extinguisher Check Valves	All	Fig. 188
49/SB-221	Used on M649 Only		
49/SB-222	Cancelled		
49/SB-223	Issued as 49/SIL-103		
49/SB-224	Removal of Fuel Tank Standpipes	DU & DQ	Fig. 115
49/SB-225	Used on M649 Only		
49/SB-226	Cancelled (Included in 49/SB-156)		
49/SB-227	Revision of Landing Gear Controls	All	Fig. 151
49/SB-228	Cancelled		
*49/SB-229	Cancelled by 49/SB-325		
*49/SB-230	Recalibration of Engine Oil Cooler Temperature Control Regulators	All	Figs. 122 & 120
*49/SB-231	Adjustment of Engine Oil Pump Pressure and Gage Range Markings	All	Figs. 120, 192 & 193
49/SB-232	Cancelled		
49/SB-233	Replacement of Speed Limit Placards	All	Fig. 191
49/SB-234	Speedpak Control Panel Switch Guards	2076 thru 2084	Fig. 196
49/SB-235	Relocation of CO_2 Discharge Indicator	SSS	Fig. 188
49/SB-236	Installation of Crew Door Window Warning Placard	2071 thru 2080	Fig. 52
49/SB-237	Windshield Wiper Switch Placard	All	Fig. 199
49/SB-238	Used on M649 only		
49/SB-239	Revision of Control Stand Pulley Brackets	All	No Illustration Affected
49/SB-240	Revision of Auxiliary Ventilator Inlet Valve and Ducts	All	Fig. 56
49/SB-241	Cancelled		
49/SB-242	Sealing of N.L.G. Piston and Axle Knuckle	All	Figs. 161 & 162
49/SB-243	Replacement of Engine Oil Sump Tank Drain Valve	All	Fig. 124
49/SB-244	Flight Engineer's Middle Instrument Panel	DU & 2021 thru 2081	Fig. 192
49/SB-245	Replacement of Rear Oil Pump Pressure Gage Placard	SSS	Fig. 193
49/SB-246	Washwater Tank Corrosion Inhibitor	DU & BD	Fig. 190

SUPPLEMENTAL DATA

Bulletin No.	Title	Serial Code	Catalog Reference
49/SB-247	Rework of Cowl Flap and Oil Cooler Flap Limit Switch Actuating Levers	All	Figs. 72 & 123
49/SB-248	Revision of Cabin Supercharger	All	Figs. 172, 173 & 174
49/SB-249	Reduction of Starter Torque	All	No Illustrations Affected
49/SB-250	Installation of Auto Pilot Pump Drip Pan	DU & 2055 thru 2075	No Illustrations Affected
49/SB-251	Rudder Booster Feel Lever Bearings	All	Figs. 134 & 135
49/SB-252	Stub Wing Flap Inspection Holes	DU & DQ	Fig. 110
49/SB-253	Revision to Wiring Adjacent to Magnetic Compass	All	Fig. 200
49/SB-254	Revision of Fluxgate System and Adjacent Wiring	All	No Illustrations Affected
49/SB-255	Fuel Injection Fuel Filter Installation	All	Fig. 114
49/SB-256	Rudder Attaching Plate Nuts and Holes	All	Figs. 24 & 25
49/SB-257	Voltage Regulator Ventilating Provisions	All	Fig. 54
49/SB-258	Replacement of Clocks and Auxiliary Fuel Pumps	2076 thru 2080	No Illustrations Affected
49/SB-259	Replacement of Fuel Dump Valve Link	All	Fig. 115
49/SB-260	Rudder Pedal Slot Covers	CCC	Figs. 107 & 108
49/SB-261	Replacement and Rework of Oil Tanks Access Doors	All	Figs. 4 & 12
49/SB-262	Rewiring of L.H. Cabin Heated Damper Valve Motor	SSS	Fig. 182
49/SB-263	Brake Pressure Gages	All	Fig. 127
49/SB-264	Navigator's Safety Harness	FV	No Illustrations Affected
49/SB-265	Temporary Engine R.P.M. Reduction	All	No Illustrations Affected
49/SB-266	Installation of Controllable Sheltered Alternate Entrances for Engine Air Intake Ducts	All	Fig. 69
49/SB-267	Issued as 49/SIL-80		
49/SB-268	Revision of Carburetor Pre-heat Door Seal	DU & PPP	Fig. 119
49/SB-269	Rework of Forward Baggage Compartment Door Handle Mechanism	All	Fig. 164
49/SB-270	Modification of Cowl Flap Position Indicator	All	No Illustrations Affected
49/SB-271	N.L.G. Side Strut Upper Terminals	All	Figs. 161 & 162
49/SB-272	Cancelled		
49/SB-273	Used on M649 only		
49/SB-274	M.L.G. Aft Door Hinge Support Structure	D	Fig. 18
49/SB-275	Installation of Aft Cargo Compartment Insulation Blankets	All	No Illustrations Affected
49/SB-276 49/SB-278	Installation of Insulation Pads Under Passenger Cabin Floor Carpets	DU & RRR	No Illustrations Affected
49/SB-277	Revision of Elevator Booster Feel Lever Bearings	All	Fig. 133
49/SB-278	Replacement of Cabin Pressure Control Valve Bleed Screws	All	Fig. 177
49/SB-279	Addition of M.L.G. Door Bumpers	D	Fig. 18
49/SB-280	Cancelled—Accomplished in Production		
49/SB-281 and 49/SB-281A	Conversion of Model 049-25 to 049-26 Interiors	FM	No Illustrations Affected
49/SB-282	Provision for Take-off Gross Weight Increase	All	Figs. 152 & 161
49/SB-283	Replacement of Wing Flap Motor Swivel Fitting	All	Fig. 126
49/SB-284	Cancelled		

Bulletin No.	Title	Serial Code	Catalog Reference
49/SB-285	Inspection and Rework of Rudder Push Rod Yoke	DU & 2021 thru 2082	Fig. 134
49/SB-286	Installation of L.G. Actuating Lever Safety Latch	All	Fig. 95
49/SB-287	Strength Increase of M.L.G. Drag Strut	All	Fig. 154
49/SB-288	M.L.G. Downlock Latch Pivot Bolt	All	Fig. 154
49/SB-289	Cancelled		
49/SB-290	To be Issued as 49/SIL-105		
*49/SB-291	Control Surface Boost Cylinder Piston Rod Bushings	All	Figs. 125, 130, 131, 132, 134 & 136
49/SB-292	Cancelled		
49/SB-293	Issued as 49/SIL-106		
49/SB-294	Not Issued		
49/SB-295	Issued as 49/SIL-107		
49/SB-296	Cancelled		
49/SB-297	Cancelled		
49/SB-298	Removal of Micropositioner (Barber-Colman) Radio Noise Filter	SSS	No Illustrations Affected
49/SB-299	Issued as 49/SIL-108		
49/SB-300	Aileron Control Cable Housing on Radio Operator's Desk	All	No Illustrations Affected
49/SB-301	Issued as 49/SIL-109		
49/SB-302	Not Issued		
49/SB-303	Issued as 49/SIL-110		
49/SB-304	Vickers Hydraulic Pump-Conversion from "H" to "J"	All	No Illustrations Affected
49/SB-305	Issued as 49/SIL-111		
49/SB-306	Issued as 49/SIL-112		
49/SB-307	Cancelled		
49/SB-308	Issued as 49/SIL-113		
49/SB-309	Revision of Carburetor Pre-heat Door Linkage	All	Fig. 103
49/SB-310	Issued as 49/SIL-114		
49/SB-311	Rework of Mounting Head and Drive Shaft on Eclipse-Pioneer Type 1193	All	No Illustrations Affected
49/SB-312	Issued as 49/SIL-115		
49/SB-313	Replacement of Aileron Chain Connecting Link-Control Column	AP	Fig. 99
49/SB-314	Issued as 49/SIL-116		
49/SB-315	Issued as 49/SIL-117		
49/SB-316	Not Issued		
49/SB-317	Cancelled		
49/SB-318	Issued as 49/SIL-118		
49/SB-319	Issued as 49/SIL-119		
49/SB-320	Cancelled		
49/SB-321	Revision to Propeller Governor Wiring Circuit	2051 thru 2054 2063 thru 2065	No Illustrations Affected
49/SB-322	Issued as 49/SIL-120		

Bulletin No.	Title	Serial Code	Catalog Reference
49/SB-323	Astral Dome Cover Plate	All	Fig. 203
49/SB-324	Replacement of Astral Dome	All	Fig. 203
49/SB-325	Addition of Nose Wheel Well, Electrical Feed thru Stud Guard	All	Fig. 196
49/SB-326 thru 49/SB-329	Issued as 49/SIL-122 thru 49/SIL-125 Respectively		
49/SB-330	Used on M649 only		
49/SB-331	Astral Dome and Cabin Window Covers	All	Fig. 203
49/SB-332	Used on M649 only		
49/SB-333	Revision of Fuel Dumping Placard	All	Fig. 100
49/SB-334	Cancelled		
49/SB-335	Used on M649 only		
49/SB-336	Cancelled		
49/SB-337	Revision of Intermediate Flap Rib Lower Bracket	All	No Illustrations Affected
49/SB-337A	Addition of Wing Lower Surface Skin Doubler	All	No Illustrations Affected
49/SB-338	To be Issued as 49/SIL-127		
49/SB-339	Used on M649 only		
49/SB-340	Issued as 49/SIL-128		
49/SB-341	Issued as 49/SIL-134		
49/SB-342	Cancelled		
49/SB-343	Replacement of M.L.G. Upper Drag Link Fulcrum Stabilizing Web	All	Fig. 7
49/SB-344	Cancelled		
49/SB-345	Used on M649 only		
49/SB-346	Not Issued		
49/SB-347	Used on M649 only		
49/SB-348	Used on M649 only		
49/SB-349	Reversal of Rudder Push-Pull Tube Idler Arm Upper	All	Fig. 134
49/SB-350	Used on M649 only		
49/SB-351	Not Issued		
49/SB-352	Paint Removal on Astral Dome & Retainer Ring	All	No Illustrations Affected
49/SB-353	Reinforcement of M.L.G. Support Structure	All	Fig. 5
49/SB-354	Used on M649 only		
49/SB-355	Elevator Boost Ratio Conversion	All	Figs. 132 & 133
49/SB-368	Installation of M.L.G. Drag Link Damper	All	Fig. 151
49/SB-369	Engine RPM Increase	All	No Illustrations Affected
*49/SI-10	Fuel Overboard Drain Lines—Installation of	All	Figs. 114 & 183
*49/SI-13	Rework of Carburetor Air Induction System	All	Figs. 125 & 126
*49/SI-15	Fuel Tank Surge Box Winterized Flapper Valve—Replacement of	All	Fig. 114
*49/SI-15A	Fuel Tank Surge Box Winterized Flapper Valve—Replacement of	All	Fig. 114
*49/SI-18	Modification of Rudder Trim Tab Controls	DU & CE	Figs. 80, 94, 98 & 196
*49/SI-20	Nose Oil Pressure Line Shield	All	No Illustrations Affected
*49/SI-22	Engine Plumbing and Electric Wiring, Heat Protective System—Installation of	All	Figs. 120, 124 & 170
*49/SI-23	Corrosion Preventive Treatment of Anti-icing Fluid Tanks	All	No Illustrations Affected
*49/SI-26	Structural Repair Between Wing Stations 458 and 463	All	No Illustrations Affected

Bulletin No.	Title	Serial Code	Catalog Reference
*49/SI-27	M.L.G. Upper Drag Link Assembly	All	Figs. 154 & 5
*49/SI-34	Replacement of Landing Gear Selector Valve	All	No Illustrations Affected
*49/SI-44	Metal Main Landing Gear Aft Doors, Installation of	C	Figs. 13 & 17
*49/SI-39	Engine Fire Seal Cut-outs for External Oil Lines—Sealing of	All	No Illustrations Affected
*49/SI-41	Fire Extinguishing Provisions—Zone 3	All	Fig. 188
*49/SI-45	Rework of Nose Gear Torque Arms	All	No Illustrations Affected
*49/SI-56	Main Gear Forward Door Actuating Link Rods	All	No Illustrations Affected
*49/SI-57	Cabin Supercharger	All	Fig. 173
*49/SI-60	Water Bottle Supports	All	No Illustrations Affected
*49/SI-73	Elevator Booster Spring Assembly	All	No Illustrations Affected
*49/SI-74	Sealing of Fuel Tank Shut-off Valves and Fuel Cross Transfer Valves	All	Fig. 118
*49/SI-75	Winterized Restrictor Valves in Main Landing Gear Down Line—Installation of	All	Fig. 127
*49/SI-95	Rework of Spinner Fairing Lower Panel Assembly	All	No Illustrations Affected
*49/SI-100A	Replacement of Main Landing Gear Torque Links	All	Fig. 151
*49/SI-103	Flap Chain Idler Sprocket Nuts	All	No Illustrations Affected
*49/SI-105	Hydraulic Line Above Oxygen—Relocation of	All	No Illustrations Affected
*49/SI-121	Wing Leading Edge Reinforcement	All	No Illustrations Affected
*49/SI-129	Engine Oil and Oil Out Hose—Installation of	All	Fig. 120

SUPPLEMENTAL DATA

Service Assemblies

The following is a list of Service Assemblies available for purchase and contained in Section Two, covering Models 49-46-25, and -26, and 49-51-25, -26, -27. Each Service Assembly has been listed immediately above and in the same indenture as the major item contained in the Service Assembly, with one each required per this list.

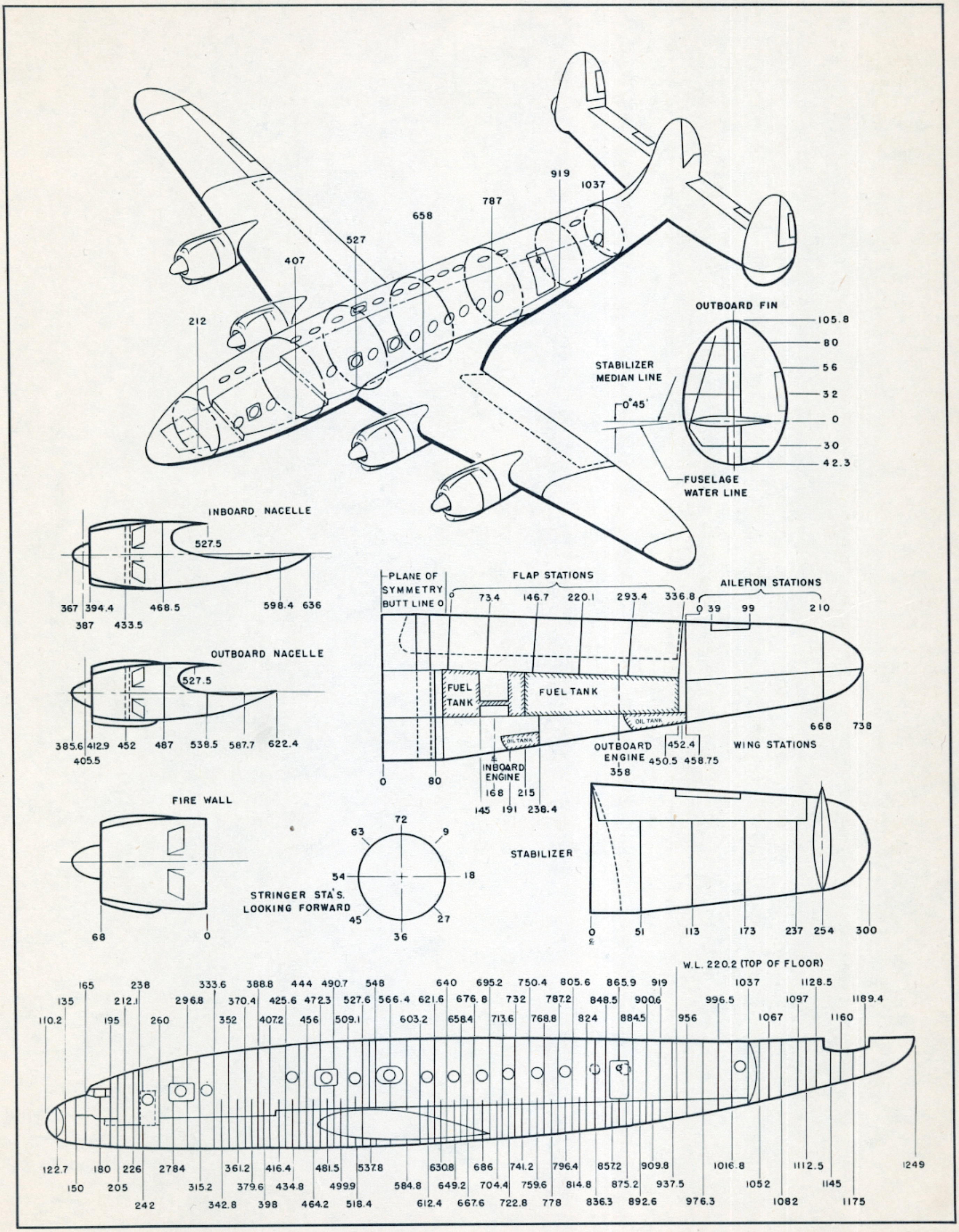
(See Group Assembly Parts List under Section Summaries)

Service Assembly No.	*Title*	*Serial Code*	*Catalog Reference*
185113	Spare Parts Flight Case Assembly No. 1	All	Fig. 1
185114	Spare Parts Flight Case Assembly No. 2	All	Fig. 1
185190	Flight Kit—Spare Parts	All	Fig. 1
185193	Spider Gear and Auxiliary Bevel Gear Assembly Cabin Supercharger—Model 49	All	Fig. 173
185194-500L/R	Outer Wing Panel—Standard Range	DD	Fig. 20
185194-501L/R	Outer Wing Panel—Standard Range	GG	Fig. 20
185513	Tube Assembly—Supercharger Drive Shaft	All	Fig. 175
185514L/R	Panel Assembly—Nose Wheel Well, B.L. 22.5 *(Replaces 01-252203)*	All	Figs. 28, 30 & 49
185520	Door Assembly—Station 342 *(Replaces 01-265258 and built per 49/SB-175)*	All	Fig. 47
185521	Door Assembly—Station 260 *(Replaces 01-290195-6 and built per 49/SB-175)*	All	Fig. 47
185522	Retainer and Seal—Supercharger Clutch	All	Fig. 175
185523	Supercharger Overhaul Kit—Model 49	All	Fig. 173
185524	Oxygen Cylinder & Strap Service Assembly *(Replaces 44B24619 which is not procurable)*	All	Fig. 184
185525	Elevator Booster Service Assembly *(Replaces 07-279368-501*	All	Fig. 131
185528L/R	M.L.G. Aft Door Service Assembly *(Replaces 290482-24R)*	C	Fig. 13
185530	Wheel Service Assembly—Recirculating Fan	All	Fig. 179
185532L/R	Spark Spray Heater Service Assembly	All	Fig. 182
185533	Arm Service Assembly—N.L.G. Disconnect Torque	CCC	Fig. 160
185553	Speedpak Hoist Service Assembly—Planetary Gear	All	
01-250105	Support Assembly—Direction Finder Loop	All	Fig. 27
02-250221	Fuselage Nose and Front Pressure Bulkhead	All	Fig. 27
01-251009-500L/R	Aileron Service Assembly—Complete	A	Fig. 21
01-251025L/R	Rib Service Assembly—Station 87	All	Fig. 3
01-251043L/R	Rib Service Assembly	All	Fig. 3
01-251265	Rib Service Assembly	All	Fig. 9
01-251746L/R	Rib Service Assembly	All	Fig. 9
01-251748L/R	Rib Service Assembly	All	Fig. 9
01-251785L/R	Rib Service Assembly	All	Fig. 9
01-251787L/R	Rib Service Assembly	All	Fig. 9
01-251791L/R	Rib Service Assembly Station 312 L.E. Inner Wing	All	Fig. 3
01-251858L/R	Rib Service Assembly	All	Fig. 9
01-252145L/R	Rib Service Assembly	All	Fig. 9
01-252146L/R	Rib Service Assembly	All	Fig. 9
01-252163L/R	Bulkhead Assembly—Inboard Nacelle Fus. Station 562⅛ Outboard	C	Fig. 13
01-252185L/R	Trailing Edge Service Assembly—Inner Wing Flap Station 73.359-146.717 Aft	All	Fig. 11

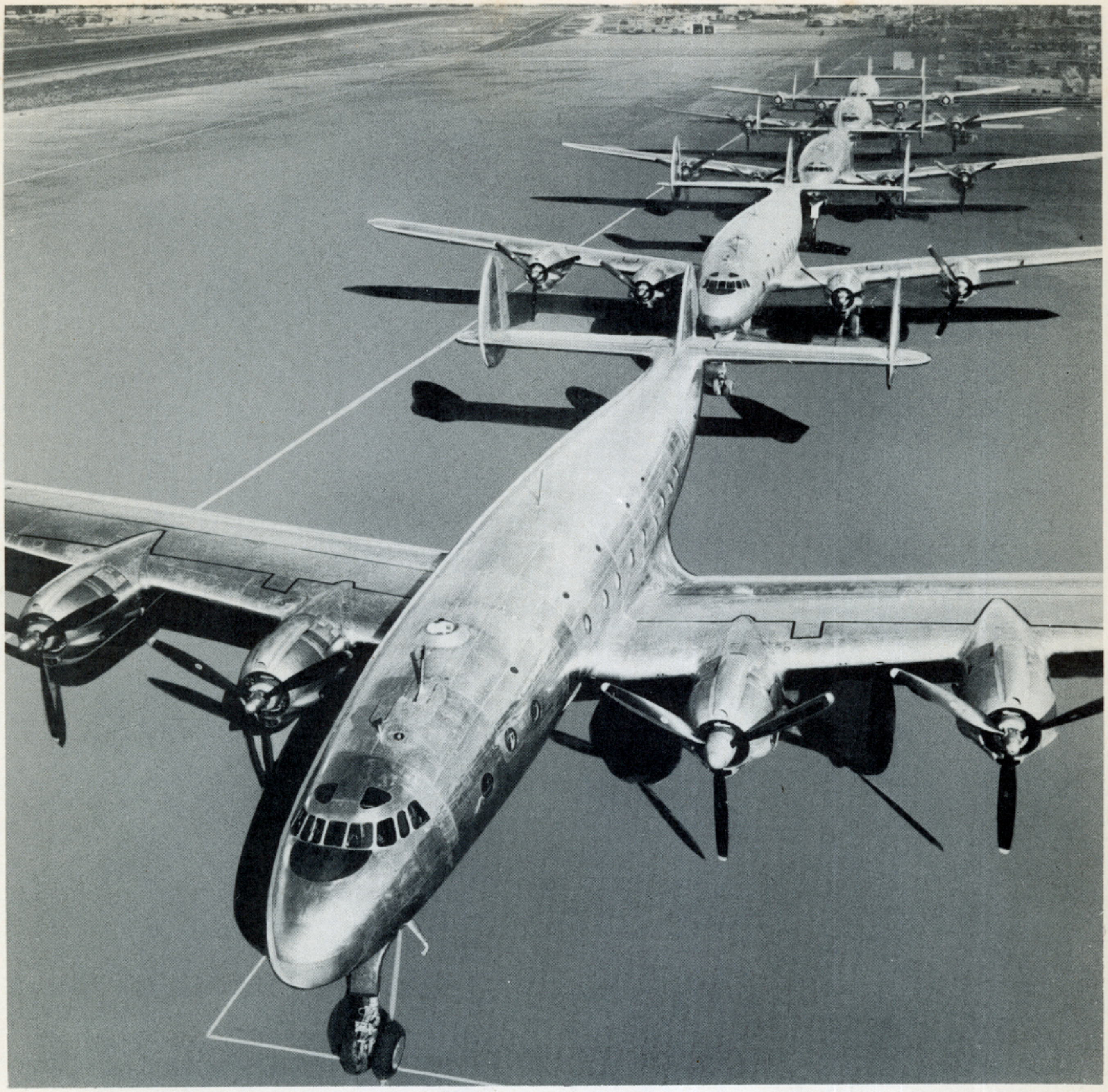
Service Assembly No.	*Title*	*Serial Code*	*Catalog Reference*
01-252408L/R	Fillet Service Assembly—Wing Stab. Trailing Edge Station 695.2-800	All	Fig. 33
01-252431L/R	Aft Service Assembly—Inner Wing Flap Stations 147.717-220.076 Trailing Edge	All	Fig. 11
01-252980-2L/R	Rib Service Assembly	All	Fig. 9
01-252980-3L/R	Rib Service Assembly	All	Fig. 9
01-252980-4L/R	Rib Service Assembly	All	Fig. 9
01-252980-5L/R	Rib Service Assembly	All	Fig. 9
01-252980-6L/R	Rib Service Assembly	All	Fig. 9
01-252980-7L/R	Rib Service Assembly	All	Fig. 9
01-252980-8L/R	Rib Service Assembly	All	Fig. 9
01-252980-9L/R	Rib Service Assembly	All	Fig. 9
01-252980-10L/R	Rib Service Assembly	All	Fig. 9
01-252980-11L/R	Rib Service Assembly	All	Fig. 9
01-253105L/R	Fitting Service Assembly—Stab. Front Beam Hoist	All	Fig. 23
01-253398L/R	Aft Assembly—Inner Wing Flap	All	Fig. 11
01-253431-2L/R	Rib Service Assembly	All	Fig. 9
01-253431-3L/R	Rib Service Assembly	All	Fig. 9
01-253460L/R	Trailing Edge Aft Panel	All	Fig. 11
01-253489L/R	Rib Service Assembly	All	Fig. 19
01-253740L/R	Nacelle Fillet Service Assembly	All	Fig. 16
02-253740L/R	Nacelle Fillet Service Assembly	All	Fig. 16
03-253740L/R	Nacelle Fillet Service Assembly	All	Fig. 16
01-254985	Outboard Fin Service Assembly	All	Fig. 24
01-254986	Center Fin Service Assembly	All	Fig. 25
01-259339	Landing Light Door Assembly	All	Fig. 20
01-261609L/R	Bulkhead Service Assembly—Inboard Nacelle Station 484 11/16	All	Figs. 13 & 14
01-261611L/R	Bulkhead Service Assembly—Inboard Nacelle Station 500 7/8	All	Figs. 13 & 14
01-261613L/R	Bulkhead Assembly—Station 512 7/8	All	Figs. 13 & 14
01-262376L/R	Bulkhead Assembly—Outboard Nacelle Station 499	All	Fig. 15
01-262377L/R	Bulkhead Assembly—Outboard Nacelle Station 513.3	All	Fig. 15
01-262379L/R	Bulkhead Assembly—Outboard Nacelle Station 527.413	All	Fig. 15
01-265150L/R	Elbow Assembly—Station 640 Air Conditioning, Upper	All	Fig. 172
02-265435L/R	Forging—Nose Gear Lower Support *(Replaces 01-270628L/R)*	All	Fig. 28
01-267429L/R	Air Conditioning—Duct Assembly	All	Fig. 172
02-269315-2L/R	Outboard Nacelle Structure	All	Fig. 15
01-269443L/R	Stabilizer Nose Section Assembly	All	Fig. 23
02-270446	Air Conditioning Duct Assembly	All	Fig. 172
01-270621L/R	Inboard Nacelle Structure	C	Fig. 13
03-270621L/R	Inboard Nacelle Tail Cone Service Assembly	C	Fig. 13
01-270729	Nacelle Fillet Assembly	All	Fig. 16
01-270834	Switch Installation Kit—M.L.G. Scissors	All	Fig. 151
01-271445	Horizontal Stabilizer Structure	DU & DD	Fig. 23
01-271445-500	Horizontal Stabilizer Structure	GG	Fig. 23
01-271783-3L/R	Outboard Nacelle Fire Wall Ring Service Assembly	All	Fig. 15
02-271783-3L/R	Inboard Nacelle Fire Wall Ring Service Assembly	All	Fig. 13
01-272053-2L/R	Flap Track Rib Service Assembly	All	Fig. 10
01-272059-2L/R	Flap Track Rib Service Assembly	All	Fig. 10
02-272842	Cabin Air Recirculating Fan and Housing	All	Fig. 179

SUPPLEMENTAL DATA

Service Assembly No.	Title	Serial Code	Catalog Reference
01-272852-500	Nose Landing Gear Directional Control Service Assembly *(Replaces 01-272852)*	DDD	Fig. 159
01-277369	Main Drive Gear Shaft	All	Fig. 140
01-280043-2	Flap Track Rib Service Assembly	All	Fig. 10
01-280043-4	Flap Track Rib Service Assembly	All	Fig. 10
01-280045-2	Flap Track Rib Service Assembly	All	Fig. 10
01-280045-11	Flap Track Rib Service Assembly	All	Fig. 10
01-280047-2	No. 5 Flap Track Rib Stations 293-435	All	Fig. 10
01-280047-4	No. 5 Flap Track Rib Stations 293-435	All	Fig. 10
01-281049L/R	Aileron Walking Beam and Manual Lever	All	Fig. 130
01-281201L/R	Inboard Nacelle Structure	All	Figs. 14 & 18
01-281366	Main Flap Gear Box	All	Figs. 110 & 140
01-281696-3L/R	Nacelle Fillet Service Assembly	All	Fig. 16
02-281696-3L/R	Nacelle Fillet Service Assembly	All	Fig. 16
01-282448-2L/R	Inboard Nacelle Bulkhead Assembly—Stations 527-445	C	Fig. 13
01-282448-3L/R	Inboard Nacelle Bulkhead Assembly—Stations 527-445	C	Fig. 13
08-282869-6	Interchangeable Quick Change Power Plant	DDD	Figs. 67 & 71
08-282869-10	Interchangeable Quick Change Power Plant	CCC	Figs. 67 & 68
09-282869	Power Plant Quick Change Service Assembly Kit	DDD	Fig. 68
10-282869	Power Plant Quick Change Service Assembly Kit	CCC	Fig. 68
01-284075L/R	Wing Access Door Assembly	All	Fig. 20
01-284398	Torque Tube Bearing Housing Assembly	All	Fig. 131
01-284715-5L/R	Air Intake Duct Production Assembly—Cabin Heater	All	Fig. 182
02-284716-28L/R	Heater Panel Service Assembly—Equipped	All	Fig. 182
01-286366-2L/R	Cabin Reading Light Base Assembly	All	Fig. 196
01-286487	Main Cabin Ordinance Light Assembly	All	Fig. 196
01-287424	N.L.G. Directional Control Service Assembly *(Replaces 01-272852-500)*	CCC	Figs. 160 & 164
01-287762	Inboard Fuel Tank Screen Assembly	All	Fig. 114
02-287762	Inboard Fuel Tank Screen Assembly	All	Fig. 114
03-287762	Inboard Fuel Tank Screen Assembly (BOAC)	DU	Fig. 114
01-288484-6	Valve Service Assembly—Flight Station Diverter	All	Fig. 172
01-290954-29	Navigator's Table Service Assembly	E	Fig. 203



M49 CONSTELLATION Stations Diagram



Maintenance Parts Breakdown

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Section Three

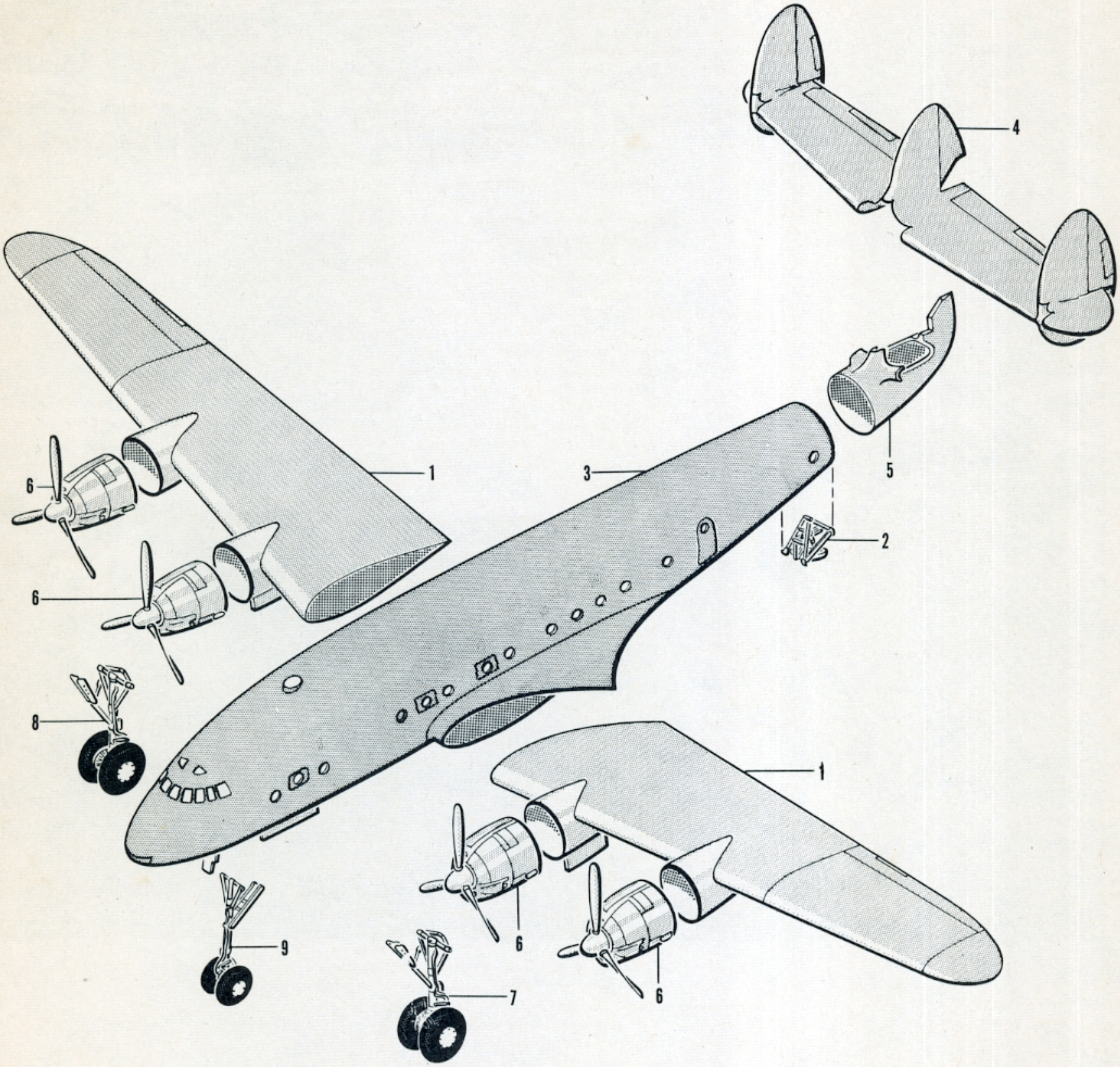

Figure 1 — Airplane Complete

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	267466	Final Assembly – Complete	all	1
1 – 1	250002	Wing Group Installation	all	1
		(See figure 2, wing index)		
		(See figure 110, flap operating mechanism)		
2	255004	Installation – Tail bumper (See figure 141)	all	1
3	266129	Fuselage Assembly – Complete	all	1
	253629	Installation – Aft cargo compartment lining	all	1
	269646	Installation – Aft baggage door fence (See figure 51)	all	1
	265843	Structure Assembly – Fuselage front section	all	1
		(See figure 26, fuselage structure index)		
		(See figure 46, emergency exits)		
		(See figure 47, fuselage partitions and doors)		
		(See figure 50, forward baggage compartment door)		
		(See figure 52, crew compartment door)		
		(See figure 90, hydraulic valves controls)		
		(See figure 108, rudder and brake pedal)		
		(See figure 172, air distribution system)		
		(See figure 204, driftmeter, astro compass and navigator's panels)		
		(See figure 205, pyrotechnic equipment)		
	265844	Structure Assembly - Fuselage center section	all	1
		(See figure 26, fuselage structure index)		
		(See figure 46, emergency exits)		
		(See figure 47, fuselage partitions and doors)		
		(See figure 76, aileron controls – fuselage)		
		(See figure 79, elevator controls – fuselage)		
		(See figure 80, rudder controls – fuselage)		
		(See figure 90, hydraulic valves controls)		
		(See figure 110, flap operating mechanism)		
		(See figure 172, air distribution system)		
		(See figure 178, auxiliary vents and ground air connection)		
	265845	Installation – Bulkhead ring segment assembly, station 407.2 (See figure 26)	all	1
	267448	Structure Assembly – Fuselage rear	all	1
		(See figure 26, fuselage structure index)		
		(See figure 41, bulkheads and segments – station 1037–1189.367)		
		(See figure 79, elevator controls – fuselage)		
		(See figure 125, primary hydraulic system)		
		(See figure 141, bumper – tail)		
	283072	Installation - Pressure bulkhead	all	1
		(See figure 26, fuselage structure index)		
		(See figure 41, bulkheads and segments – station 1037–1189.367)		
	267389	Installation – Nose landing gear (See figure 158)	ddd	1
	267467	Installation – Fixed equipment	all	1
	267391	Installation – Surface controls	all	1
		(See figure 76, aileron controls – fuselage)		
		(See figure 77, aileron controls – LH wing)		
		(See figure 78, aileron controls - RH wing)		
		(See figure 79, elevator controls – fuselage)		
		(See figure 80, rudder controls – fuselage)		
	267417	Installation – Fuselage power plant controls	all	1
		(See figure 76, aileron controls – fuselage)		
		(See figure 82, throttle controls – fuselage)		
		(See figure 83, throttle controls – wing)		
		(See figure 84, fuel mixture controls)		
		(See figure 88, carburetor heat controls)		
		(See figure 89, engine oil shut-off controls)		
		(See figure 92, engine supercharger controls)		
	267419	Installation – Hydraulic valve controls (See figure 90)	all	1
	267443	Installation - Air conditioning (See figure 172)	all	1
	267532	Installation – Fuselage electrical	all	1
	265488	Installation – Cabin lights and conduit, station 865.9–1016.75	all	1
		(See figure 196)		
	265533	Installation – Cabin lights and conduit, station 548–865.9	all	1
		(See figure 196)		
	270204	Installation – Forward conduit, station 584, upper (See figure 196)	all	1
	272098	Installation – Flight engineer's panel wiring	all	1
	264940	Installation - Throttle switches, engineer's control stand	all	1
		(See figure 198)		
	267534	Installation – Pressure controls	all	1
		(See figure 91, air pressure controls)		
		(See figure 100, pressure control stand and overhead emergency panel)		
	267535	Installation – Fuel system controls	all	1
		(See figure 85, fuel cross-feed controls)		
		(See figure 86, fuel shut-off and dump valves controls – fuselage)		
		(Continued on next page)		

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
1	274179	Installation – Instrument equipment	all	1
	256332	Installation – Flight engineer's middle instrument panel (See figure 192)	all	1
	256333	Installation - Flight engineer's lower instrument panel (See figure 193)	all	1
	271094	Installation – Astro compass (See figure 204)	fv	1
	273702	Installation – Station 260 instrument panel	all	1
		(See figure 172, air distribution system)		
		(See figure 194, panel – station 260 instrument)		
	279945	Installation – Pilot's instrument panel (See figure 191))	all	1
	283882	Installation – Driftmeter (See figure 204)	fv	1
	280351	Installation – Gyro pilot follow-up cables (See figure 129)	all	1
	281032	Installation – De-icer equipment (See figure 168)	all	1
	281035	Installation – Fuselage piping	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
	255632	Installation – Tail bumper cylinder (See figure 125)	all	1
	256358	Installation – Windshield anti-icer distribution lines (See figure 170)	all	1
	261214	Installation – Fuselage piping, station 1037–1210.7	a	1
		(See figure 125, primary hydraulic system)		
		(See figure 168, de-icing system)		
	261282	Installation – Right stub wing piping	all	1
		(See figure 126 secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 168, de-icing system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 188, fire extinguishing system)		
	265351	Installation – Wash water system (See figure 190)	all	1
	265942	Installation – Fuselage piping, station 278.4–527.6	all	1
		(See figure 188, fire extinguishing system)		
		(See figure 190, wash water system)		
	270209	Installation - Fuselage piping, station 676.8–1037	all	1
		(See figure 125, Primary hydraulic system)		
		(See figure 168, de-icing system)		
	272198	Installation – Fuselage piping, station 278.4–260	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 195, pitot system)		
	272203	Installation – Fuselage piping, station 527.6–676.8	all	1
		(See figure 125, primary hydraulic system)		
		(See figure 126, secondary hydraulic system)		
		(See figure 168, de-icing system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
	279019	Installation – Wash water line, station 425.6–919.0 (See figure 190)	all	1
	280927	Installation – Fuselage piping, station 278–456	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 188, fire extinguishing system)		
	281028	Installation – Fuselage stub wing piping	all	1
		(See figure 125, primary hydraulic system)		
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 168, de-icing system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 188, fire extinguishing system)		
	281505	Installation – Fuselage piping, pressure bulkhead	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 129, automatic pilot hydraulic system)		
	281591	Installation – Keelson piping, station 150–195	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 129, automatic pilot hydraulic system)		
		(Continued on next page)		

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	281592	Installation – Fuselage upper piping, station 135–165	all	1
		(See figure 129, automatic pilot hydraulic system)		
		(See figure 171, vacuum system)		
	281593	Installation – Fuselage piping, LH, station 150–212	ddd	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 129, automatic pilot hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 195, pitot system)		
	283186	Installation – Fuselage piping, station 150–212	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 129, automatic pilot hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 195, pitot system)		
	283676	Installation – Fuselage piping, LH, station 212–260	all	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 195, pitot system)		
	285012	Installation – Fuselage piping, station 1037–1210.7	b	1
		(See figure 125, primary hydraulic system)		
		(See figure 168, de-icing system)		
	288107L	Installation – Janitrol cabin heater fire extinguisher (See figure 188)	ap	1
	288107R	Installation – Janitrol cabin heater fire extinguisher (See figure 188)	ap	1
	257002	Installation – Cockpit furnishings (See figure 56)	all	1
	267650	Installation – Flight station trim	all	1
	284036–4	Installation – Cabin window desiccators (See figure 60)	all	1
	264031	Installation – Cabin supercharger, LH	all	1
		(See figure 171, vacuum system)		
		(See figure 172, air distribution system)		
	264032	Installation – Cabin supercharger, RH	all	1
		(See figure 171, vacuum system)		
		(See figure 172, air distribution system)		
	267149	Installation – Cabin furnishings (See figure 61)	all	1
	265000	Installation – Wash water tank (See figure 190)	all	1
	265090	Installation – Partition, station 984.5-1037 (See figure 47)	all	1
	266687	Installation – Main cabin trim	all	1
	268094	Installation – Panel assembly, cabin door trim	all	1
	284036–5	Installation – Cabin window desiccators (See figure 60)	all	1
	284036–2	Installation – Cabin window desiccators (See figure 60)	all	1
	266741	Installation – Crew compartment	all	1
	265436	Installation – Crew compartment berths (See figure 57)	fl	1
	284036–3	Installation – Cabin window desiccators (See figure 60)	all	1
	267807	Installation – Pyrotechnics (See figure 205)	fv	1
1 – 4	271488	Installation – Empennage group (See figure 22)	all	1
	281485–501	Cone Assembly – Fuselage lower tail (Interchangeable with 289340)	all	1
		(See figure 42)		
5	281745	Cone Assembly – Fuselage upper tail (See figure 42)	dd	1
6	282871	Installation – Power plant (See figure 67)	all	1
7	283478–2	Installation – Main landing gear, LH (See figure 151)	all	1
8	283478–3	Installation – Main landing gear, RH (See figure 151)	all	1
	285206	Installation – Nose landing gear (See figure 158)	ccc	1
	285354	Cone Assembly – Fuselage upper tail (See figure 42)	gg	1
	291207	List - Loose equipment (See pages 8, 9, 10 and 11)	all	1
	292221	Nameplates – Flight station, main landing gear, inboard nacelle and nose landing gear well	all	1
	277947	Placarding diagram – Power plant	all	1
	265444	Placarding Diagram – Wing	all	1
	277928	Placarding diagram – Fuselage	all	1
	277540	Placarding Diagram – Empennage	all	1

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
1	290000	Special Airplane Summary Index – TWA	bq	1
	290001	Special Airplane Summary Index – PAA	bt–bw	1
	290003	Special Airplane Summary Index – AOA	bu	1
	290004	Special Airplane Summary Index - KLM	bv	1
	290008	Special Airplane Summary Index – Air France	bx	1
	290010	Special Airplane Summary Index – TWA and KLM	gh	1
	290012	Special Airplane Summary Index – BOAC	du	1
	290017	Special Airplane Summary Index – LAV	gf	1
	284707L	Installation – 100,000 BTU Cabin heater modification	dy	1
		(See figure 172, air distribution system)		
		(See figure 182, heater – cabin)		
	284707R	Installation – 100,000 BTU Cabin heater modification	dy	1
		(See figure 172, air distribution system)		
		(See figure 182, heater – cabin)		
	284716L	Installation – Cabin heater panel (See figure 196)	dy	1
	284716R	Installation – Cabin heater panel (See figure 196)	dy	1
	284926L	Installation – Cabin heater fuel system (See figure 183)	dy	1
	284926R	Installation – Cabin heater fuel system (See figure 183)	dy	1
	284964L	Installation – Cabin heater equipment	dy	1
	284964R	Installation – Cabin heater equipment	dy	1
	283581L	Installation - Cabin heater panel electrical equipment (See figure 196)	dy	1
	283581R	Installation - Cabin heater panel electrical equipment (See figure 196)	dy	1
	285733	Installation – Middle fuselage air conditioning wiring (See figure 196)	dy	1
	285261	Installation – Cabin window, RH, station 836.25	dy	1
		(See figure 44, fuselage door and window frames)		
		(See figure 45, fuselage windows)		
	285529	Installation – Cabin windows, station 640–732	dy	1
		(See figure 44, fuselage door and window frames)		
		(See figure 45, fuselage windows)		
	285629	Installation – Floor panels, station 658.4–768.8 (See figure 55)	dy	1
	285630	Installation – Floor panels, station 415.4–552.41 (See figure 55)	dy	1
	285631	Installation - Floor panels, station 768.8–884.5 (See figure 55)	dy	1
	285649	Installation – Wash water system (See figure 190)	ca–du	1
	285716	Installation – Floor panels, station 552.4–658.4 (See figure 55)	dy	1
	285883	Installation – Cabin window, station 759.28	dy	1
		(See figure 44, fuselage door and window frames)		
		(See figure 45, fuselage windows)		
	286241	Installation – Carpet (See figure 55)	dy	1
	286936	Installation – Emergency ladder stowage (See figure 66)	dy	1
	286975	Installation – Parking brake lever (See figure 107)	dy	1
	287135	Installation – Station 260 trim revision (See figure 60)	ca–du	1
	287156	Installation - Station 929 partition (See figure 47)	dy	1
	287170	Installation – Station 945.25–984 partition and curtain rod	dy	1
		(See figure 47, fuselage partitions and doors)		
		(See figure 60, curtains, trim and coat closet)		
	287185	Tank Assembly – Urinal (See figure 61)	ec	1
	287189L	Installation – Overhead rack (See figure 60)	dy	1
	287189R	Installation – Overhead rack (See figure 60)	dy	1
	286366	Installation – Cabin reading lights (See figure 196)	dy	1
	287229	Installation – Dado panels (See figure 60)	ac	1
	287393	Installation – Curtain rod supports and window trim channels (See figure 60)	aaa–du	1
	287434	Installation – Main cabin trim (See figure 60)	dy	1
	287436	Installation – Conduit, station 226–425 (See figure 196)	bq	1
	287487	Installation – Flight station plumbing	ca–du	1
		(See figure 184, oxygen system)		
		(See figure 185, oxygen system)		
	287522	Installation – Station 984.5–1037 partition (See figure 47)	dy	1
	287664	Installation – Wing flap emergency crank (See figure 66)	dy	1
	287671	Installation – Flight station and astral dome air line (See figure 172)	dy	1
	287762	Screen Assembly Rework – Fuel tank fillerwell (See figure 114)	all	1
	287846	Installation – Airplane complete electric modification (See figure 196)	dy	1
	286513	Installation – Reading lights and call system conduit	dy	1
	290502	Installation – Hostess light (See figure 201)	dy	1
	287930	Installation – Nose section wiring (See figure 196)	dy	1
	283370	Nameplate – Master fire warning light (See figure 200)	dy	1
	284570L	Bracket Assembly – Windshield heater (See figure 200)	dy	1
	284570R	Bracket Assembly – Windshield heater (See figure 200)	dy	1
	287931	Installation – Flight engineer's station wiring (See figure 198)	dy	1
	652120	Heater Assembly – Windshield infra-red (See figure 200)	dy	2
	287961	Installation – Flooring, station 884.5–1011.25 (See figure 55)	dy	1

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
1	288089	Installation – Flooring, station 150–416.4 (See figure 54)	dy	1
	288089-13	Panel Assembly – Flooring (See figure 48)	bu	1
	288089-14	Panel Assembly – Flooring (See figure 48)	bu	1
	288112	Installation – Crew compartment trim (See figure 60)	dy	1
	288142	Installation – Cabin window desiccators (See figure 60)	dy	1
	288285	Installation – Fuselage piping, LH, station 150–212	ccc	1
		(See figure 126, secondary hydraulic system)		
		(See figure 127, landing gear and brakes hydraulic system)		
		(See figure 128, emergency hydraulic system)		
		(See figure 170, anti-icing system)		
		(See figure 171, vacuum system)		
		(See figure 195, pitot system)		
	288320	Installation – Windshield heater embedded wiring (See figure 200)	sss	1
	288482	Installation – Flight station heating and ventilating (See figure 172)	dy	1
	288701	Alcohol for Antennae and Pitot Masts – Revision (See figure 170)	dy	1
	288708	Tab Unit Lubrication – Revision (See figure 109)	dy	1
	288712	Wing Flap Torque Tube – Revision	dy	1
		(See figure 110, flap operating mechanism)		
		(See figure 112, flap operating arm – inner wing)		
	288715	Installation – Cabin window desiccators (See figure 60)	c	1
	288802	Installation – Bracket assembly, fire extinguisher, station 260	ce-du	1
		(See figure 56, cockpit furnishings)		
		(See figure 188, fire extinguishing system)		
	289235	Installation – Fireman's hand axe tie-down (See figure 66)	dy	1
	290B1L	Chair – Single passenger (641062L) (See figure 59)	a	1
	290B2L	Chair – Double passenger (641063L) (See figure 59)	a	7
	290B2R	Chair – Double passenger (641063R) (See figure 59)	a	7
	290C2L	Chair – Double passenger, offset leg (641064L) (See figure 59)	a	3
	290C2R	Chair – Double passenger, offset leg (641064R) (See figure 59)	a	4
	290D1L	Chair – Single passenger (641066L) (See figure 59)	b-du	1
	290D2L	Chair – Double passenger (641067L) (6 only required for AOA) (See figure 59)	b-du	7
	290D2R	Chair – Double passenger (641067R) (6 only required for AOA) (See figure 59)	b-du	7
	290E2L	Chair – Double passenger, offset leg (641068L) (See figure 59)	b-du	3
	290E2R	Chair – Double passenger, offset leg (641068R) (See figure 59)	b-du	4
	290003-10	Panel Assembly – Flooring, LH, station 457.04–552.41 (See figure 48)	bu	1
	290003-11	Panel Assembly – Flooring, RH, station 457.04–552.41 (See figure 48)	bu	1
	290003-12	Panel Assembly – LH Baggage floor, station 415.4–456 (See figure 48)	bu	1
	290003-13	Panel Assembly – RH Baggage floor, station 415.4–456 (See figure 48)	bu	1
	290003-16	Strips – Maple (See figure 48)	bu	AR
	290003-2	Strips – Maple (See figure 48)	bu	AR
	290003-21	Seal – Flooring (See figure 48)	bu	AR
	290003-6	Panel Assembly – Flooring, station 358–389 (See figure 48)	bu	1
	290003-7	Panel Assembly – Flooring, station 389–416.4 (See figure 48)	bu	1
	290003-9	Strips – Maple, ⅜" (See figure 48)	bu	AR
	290012-22	Tank Screen Assembly – Rework (See figure 114)	du	1
	290119	Installation – Coat closet (See figure 60)	dy	1
	290190	List – Loose equipment (See figure 66)	dy	1
	290195	Installation – Station 260 partition door (See figure 47)	ce-du	1
	290262	Seat Assembly – Attendants (See figure 65)	dy	1
	290288	Installation – Fire extinguisher bracket (See figure 188)	dy	1
	290341	Installation – Lounge shelf (See figure 61)	dy	1
	290348	Installation – Cabin door safety bar stowage (See figure 66)	dy	1
	290368	Installation – Forward compartment chairs	bx-fm	1
		(See figure 54, flooring – station 150–415.4)		
		(See figure 57, crew compartment furnishings)		
	290375	Installation – Life raft tie-down, main cabin (See figure 66)	xx-fm	1
	290434	Installation – Stewardess' desk (See figure 65)	vvv	1
	290434-500	Installation – Stewardess' desk (See figure 65)	www-du	1
	290595	Installation – Station 415.4 partition	dy	1
		(See figure 47, fuselage partitions and doors)		
		(See figure 48, baggage partitions)		
	290664	Installation – Fuselage piping, station 278.4–260	dy	1
		(See figure 125, primary hydraulic system)		
		(See figure 171, vacuum system)		
	290696	Installation – Station 342.8 partition (See figure 47)	ca-du	1
	290781	Installation – Lift raft tie-down (See figure 66)	xx-fm	1
	290954	Installation – Navigator's table (See figure 203)	gb	1
	291004	Installation – Pilot's ball bank inclinometer (See figure 200)	bq-sss	1
	291098	Trim and finishes – Interiors (See figure 60)	dy	1
	291226	Installation – Station 260 door frame blocking (See figure 47)	ce-du	1
	291287	Installation – Navigator's pitot lines (See figure 195)	xx-du	1
	291306	Installation – First aid kit stowage (See figure 66)	dy	1

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
1	291433	Installation – Oxygen bottle supports (See figure 185)	bt–du	1
	291461	Installation – Dado panels (See figure 60)	ad–du	1
	291484	Installation – Flight station anti-icing (See figure 170)	dy	1
	291649	Installation – Flight station and navigator's ash trays (See figure 203)	dy	1
	291833	Installation – Station 456 partition (See figure 48)	bu	1
	291835	Installation – Baggage shelves, station 342.8–456 (See figure 48)	bu	1
	291837	Installation – Navigator's table (See figure 203)	bu	1
	291842	Installation – Station 425.6–444.0 LH and RH window plug (See figure 48)	bu	1
	291844	Installation – Oxygen guard partition, station 358.42 (See figure 48)	bu	1
	291845	Installation – Oxygen system (See figure 186, oxygen system, station 110–358) (See figure 187, oxygen system, station 358–985)	bu	1
	291846	Installation – Oxygen mask container (See figure 187)	bu	1
	291847	Installation – Vibrator razor outlet (See figure 196)	bu	1
	291848	Installation – Position lights (See figure 196)	bu	1
	291850	Installation – Navigator's stool (See figure 203)	fv	1
	291852	Installation – Wash water lines (See figure 190)	bu	1
	292005	Installation – Very pistol holster and signal flare container (See figure 205)	fw–du	1
	292006	Installation – Vacuum lines (See figure 171)	dy	1
	292085	Installation – Prop. governor (See figure 67)	bu	1
	292149	Installation – Navigator's locker (See figure 203)	fv	1
	292150	Installation – Flux gate caging switch (See figure 203)	bx	1
	292201	Installation – Expansion tank and plumbing (See figure 171)	dy	1
	292211L	Installation – Janitrol cabin heater fire extinguisher (See figure 188)	ao–du	1
	292211R	Installation – Janitrol cabin heater fire extinguisher (See figure 188)	ao–du	1
	292232	Installation – Flare racks (See figure 203)	fv	1
	292234	Installation – Cover, crew berthable seat (See figure 57)	fl	1
	292292	Installation – Hydraulic hand wobble pump (See figure 128)	bu	1
	292630	Installation – Air supply grills (See figure 203)	bk	1
	292677	Installation – Modified fuel dump system (See figure 115)	dy	1
	292678	Installation – Modification, inboard dump valve mechanism	dy	1
	292703	Installation – Station 342.8 partition (See figure 48)	bu	1
	292710	Installation – Galley (See figure 62)	bx–du	1
	292719	Installation – Toilet rework (See figure 61)	sss	1
	293380	Installation – Station 984.5–1037 partition, toilet indicator flag door (See figure 47)	du	1
	293402	Installation – Electric wiring for water heater (See figure 196)	du	1
	293419	Installation – Galley electric wiring and equipment (See figure 62)	bx–du	1
	293457	Installation – Crew compartment (See figure 58)	du	1
	214069	Installation – Auxiliary hydraulic fluid stowage, station 330, LH (See figure 128)	du	1
	293464	Installation – Coat closet light and wiring (See figure 196)	sss	1
	293465	Installation – Nameplates, aft lounge compartment (See figure 47)	sss	1
	293510	Installation – Pilot's overhead radio panel lights (See figure 200)	sss	1
	293600L	Installation – Stub wing trailing edge fillet (See figure 33)	sss	1
	293600R	Installation – Stub wing trailing edge fillet (See figure 33)	sss	1
	293685	Installation – Crew door hold open latch (See figure 52)	sss	1
	293896	Installation – Station 407.2–425.6 air conditioning modification (See figure 172)	sss	1
	294123	Installation – Stub wing insulation (See figure 35)	du	1
	294126	Installation – Station 260 partition door (See figure 47)	bx	1
	294127	Installation – Emergency radio transmitter (See figure 207)	bx–sss	1
	294129	Installation – Flooring, radio operator's (See figure 54)	bx	1
	294131	Installation – Life vests (See figure 66)	bx	1
	294137	Installation – Wash water system insulation (See figure 190)	sss	1
	294140	Installation – Hand fire extinguisher, station 226 (See figure 56, cockpit furnishings) (See figure 188, fire extinguishing system)	bx	1
	294148	Installation – Flooring, navigator's rack (See figure 54)	bx	1
	294535	Installation – Fuselage position lights (See figure 196)	sss	1
	294725	Installation – Nacelle fire extinguisher (See figure 188)	sss	1
	294761	Installation – Fire extinguisher system revision (See figure 93)	ca	1
	294787	Installation – Pitot system (See figure 195)	sss	1
	294806	Installation – Cabin fan brace rod (See figure 179)	sss	1
	294813	Installation – Inner wing oil separator drain line (See figure 171)	sss	1
	295250	Door Assembly – Outboard nacelle firewall (See figure 15)	sss	1
	295259	Installation – Modified power plant	sss	1
	295248	Installation – Exhaust collector attaching clamp, bottom (See figure 74)	sss	1
	295252	Installation – Supercharger and vacuum pump blast tubes (See figure 75)	sss	1
	295255	Installation – Engine exhaust system (See figure 74)	sss	1
	295272	Seal Assembly – Engine mount upper beam (See figure 70)	sss	1
	295277	Installation – Engine section oil system (See figure 120)	sss	1
	295278	Installation – Engine instrument pressure transmission system (See figure 114)	sss	1
	295279	Installation – Propeller feathering system (See figure 124)	sss	1
	295287	Installation – Inboard nacelle fuel system (See figure 114)	sss	1

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
1	295291	Installation – Engine plumbing protective shield	sss	1
		(See figure 114, fuel system)		
		(See figure 120, engine oil system)		
		(See figure 124, shut–off valve, sump tank and propeller feathering)		
		(See figure 126, secondary hydraulic system)		
		(See figure 170, anti–icing system)		
	295528	Installation – Relocation, hydraulic pump drain check valves	sss	1
		(See figure 125, primary hydraulic system)		
		(See figure 126, secondary hydraulic system)		
	295545	Front beam piping – Zone 3 fire extinguisher change (See figure 188)	sss	1
	295551	Installation – Anti–icing system steel lines (See figure 170)	sss	1
	295606	Installation – Necelle fireproof hose	sss	1
		(See figure 114, fuel system)		
		(See figure 120, engine oil system)		
	295772	Installation – Forward compartment (See figure 57)	fn	1
	295805	Installation – Four 15 pound fire extinguisher cylinders	sss	1
		(See figure 93, fire extinguisher controls)		
		(See figure 188, fire extinguishing system)		
	295806	Installation – Fire extinguisher cylinder control (See figure 93)	sss	1
	295859	Installation – Fan motor hoses (See figure 126)	sss	1
	296102	Installation – Fan motor drive (See figure 126)	sss	1
	296404	Installation – Fan and flap motor drain check valves (See figure 126)	sss	1
	291273	Installation – Speedpak electrical equipment	dx	1
	293105	Installation – Speedpak electrical equipment	bm	1
	292774	Installation – Speedpak control box (See figure 196)	sss	1
	293196	Installation – Speedpak electrical terminal	sss	1
	286087	Installation – ATC radio equipment	bu–du	1
	291095	Installation – Radio equipment	bq	1
	291270	Installation – Radio equipment, Speedpak modification	dx	1
	291554	Installation – Radio equipment	bt–bw	1
	292721	Installation – Radio equipment	bv	1
	292943	Installation – Radio equipment	bx	1
	293060	Installation – Radio equipment, Speedpak modification	bm	1
	286906	Installation – Pilot's station radio instruments (See figure 200)	dy	1
	285740L	Installation – Pilot's interphone bracket (See figure 200)	dy	1
	285740R	Installation – Co–pilot's interphone bracket (See figure 200)	dy	1
	285927	Installation – Pilot's overhead controls (See figure 200)	dy	1
	293663	Panel Assembly – Pilot's overhead radio control (See figure 200)	sss	1
	286109	Installation – Navigator's interphone panel (See figure 204)	fv	1
	292150	Installation – Flux gate caging switch (See figure 203)	bv	1
	285420	Installation – Navigator's panel (See figure 204)	fx	1
	291093	Installation – Navigator's panel (See figure 204)	fw	1
	292952	Installation – Navigator's panel (See figure 204)	bx	1
	285160	Installation – Mounting, radio rack (See figure 203)	ce–du	1
	286644	Installation – Radio rack and equipment (See figure 203)	bu–du	1
	291094	Installation – Radio rack and equipment (See figure 203)	bq	1
	291278	Installation – Radio rack and equipment (See figure 203)	dx	1
	291555	Installation – Radio rack and equipment (See figure 203)	bt	1
	292938	Installation – Radio rack and equipment (See figure 203)	bx	1
	293063	Installation – Radio rack and equipment (See figure 203)	bm	1
	286264	Installation – Radio antennae (See figure 203)	fu	1
	291271	Installation – Radio antennae (See figure 203)	sss	1
	292946	Installation – Radio antennae (See figure 203)	bx	1
	291553	Installation – AN/APN1 altimeter indicator (See figure 200)	bx	1
	292910	Installation – Marker beacon lights (See figure 200)	bx	1
	292939	Installation – Pilot's MRIB control unit (See figure 200)	bx	1
	292944	Installation – Radio and interphone equipment wiring (See figure 200)	bx	1
	292983	Installation – Tach shafts and flux gate wiring (See figure 201)	bx	1
	293070	Installation – Radio altimeter indicator (See figure 200)	sss	1
	294094	Installation – Headset extension cord (See figure 200)	bm	1
	292150	Installation – Flux gate caging switch (See figure 203)	dx–fn	1
	291638	Installation – French nameplates – controls	bx	1
	292142	Installation – French nameplates – miscellaneous	bx	1
	292669	Installation – French nameplates – instruments	bx	1
	293268	Installation – French nameplates – hydraulics	bx	1
	293345	Installation – French nameplates – electrical	bx	1
	293343	Diagram – French placarding – empennage	bx	1
	293344	Diagram – French placarding – fuselage	bx	1
	293720	Diagram – French placarding – wing	bx	1
	185190	Service Assembly – Spare parts flight kit, model 49	all	Ref
	185113	Case No. 1 – Spare parts flight kit, miscellaneous parts (Empty)	all	1
	185114	Case No. 2 – Spare parts flight kit, accessories (Empty)	all	1
		(185190 Consists of above two cases in which are contained 156 miscellaneous spare parts and accessories for use in making minor emergency repairs)		

Notes

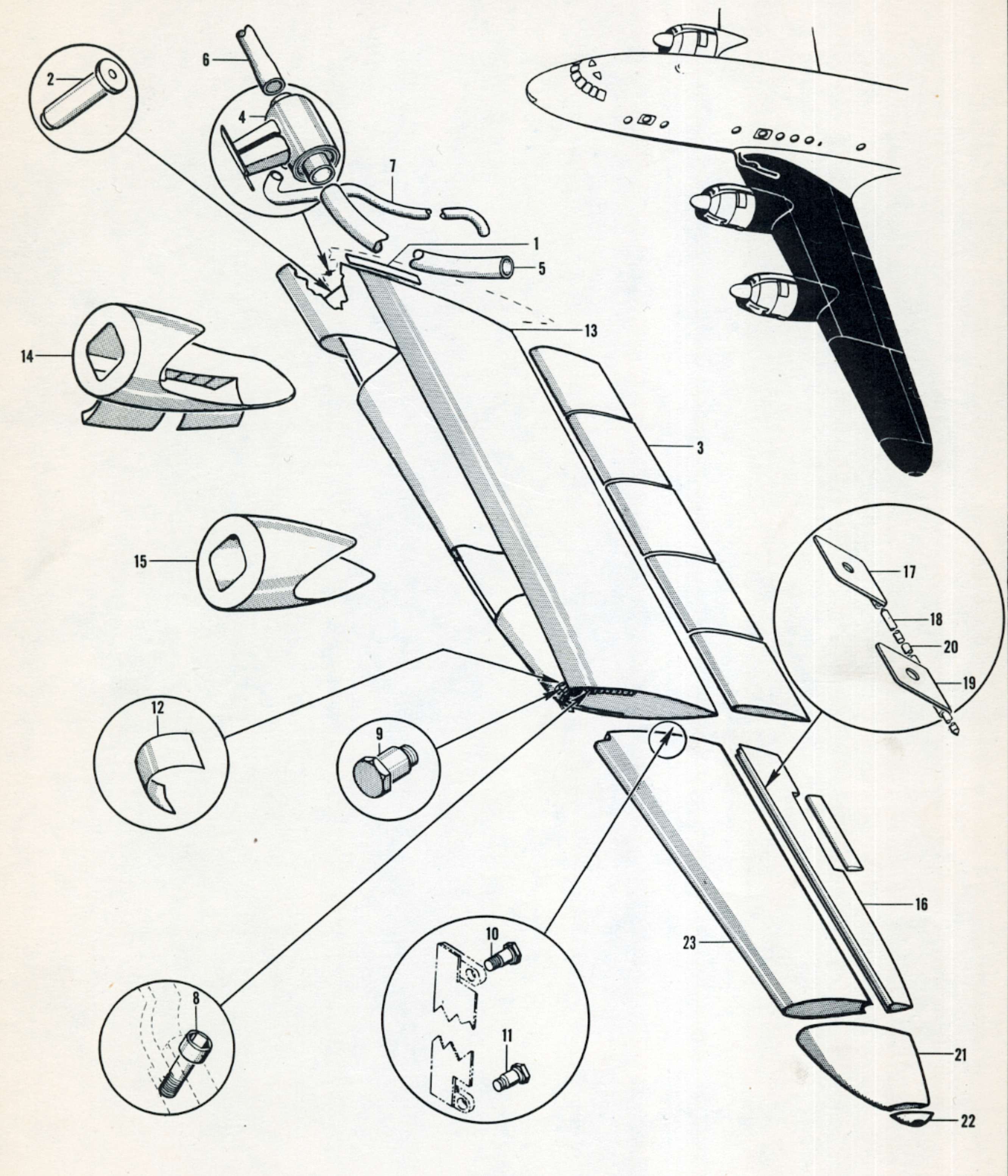

Figure 2 — Wing Index

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	250002	Wing Group Installation (See figure 1 for using assembly)	all	Ref
2 - 1	253945	Cover Assembly - Wing station 80 front rear beam	all	2
2	251303	Pin - Wing joint station 80	all	34
3	251010L	Installation - Wing flap (See figure 10 for detailed illustration)	all	1
	279327	Installation - Stub wing leading edge ventilator LH	all	1
	279327-5	Installation - Stub wing leading edge ventilator LH	all	1
	279327-6	Installation - Stub wing leading edge ventilator RH	all	1
4	279328	Separator Assembly - Stub wing leading edge (Used on -5 and -6)	all	1
5	279327-2L	Tube (LH Used on -5 and RH used on -6)	all	1
6	279327-4	Tube (Used on -5 and -6)	all	1
7	279327-3L	Tube (LH Used on -5 and RH used on -6)	all	1
	250003L	Wing Group Assembly (See figures 19 and 20 for detailed illustration)	all	1
8	254805	Pin - Wing joint station 458	all	12
9	255500-2	Bolt - 58 Shoulder	all	2
10	255500-3	Bolt - 58 Shoulder	all	1
11	255500-4	Bolt - 58 Shoulder	all	1
12	254899L	Cover Assembly - Wing station 458 leading edge	all	1
13	251000L	Wing Assembly - Inner section (See figures 3, 4, 9, 11, 12, 13, 14, 15, 85, 87, 115, 120, 171, 168 for detailed illustration)	all	1
	281238L	Installation - Main landing gear door mechanism (See figures 17 and 18 for detailed illustration)	all	1
	254009L	Installation - Fuel dump valves (See figure 42 for detailed illustration)	all	1
	261710L	Installation - Station 80 to 358 inflow duct (N.P.) (See figure 172 for detailed illustration)	all	1
	256004	Installation - Wing inner section surface and dump valve control RH (See figures 77 and 87 for detailed illustration)	all	1
	256802	Installation - Wing inner section surface and dump valve controls (See figures 78 and 87 for detailed illustration)	all	1
	269992L	Installation - Wing inner section aileron booster hydraulic lines (See figure 125 for detailed illustration)	all	1
	281764L	Installation - Inboard fuel tank fittings (See figure 114 for detailed illustration)	all	1
	267415	Installation - Inner wing power plant control LH (See figures 85, 87, 89, 92)	all	1
	267416	Installation - Inner wing power plant control LH (See figures 85, 87, 89, 92)	all	1
	267177	Installation - Front beam piping left wing (See figures 114, 125, 168, 170 and 171 for detailed illustration)	all	1
	267178	Installation - Front beam piping right wing (See figures 114, 126, 168, 170 and 171 for detailed illustration)	all	1
	251734L	Installation - Inboard nacelle fillets (See figure 16 for detailed illustration)	c	1
	281696L	Installation - Inboard nacelle fillets (See figure 16 for detailed illustration)	d	1
	269438L	Installation - Inboard oil tank fittings (See figure 120 for detailed illustration)	all	1
	273326L	Installation - Flap operating mechanism (See figures 10 and 112 for detailed illustration)	all	1
	264773	Installation - LH Inboard nacelle fuel system (See figure 114 for detailed illustration)	c	1
	264772	Installation - RH Inboard nacelle fuel system (See figure 114 for detailed illustration)	c	1
	281741L	Installation - Inboard nacelle fuel system (See figure 114 for detailed illustration)	d	1
	268192L	Installation - Outboard fuel tank fittings (See figure 114 for detailed illustration)	all	1
	283690-100	Sump Assembly - Main fuel tank (See figure 114 for detailed illustration)	all	2
	283004L	Installation - Inboard surge box (See figure 114 for detailed illustration)	all	1
	284845L	Installation - Outboard surge box (See figure 114 for detailed illustration)	all	1
14	251853L	Installation - Inboard nacelle LH and RH (See figures 13 and 87 for detailed illustration)	c	1
	280967L	Installation - Inboard nacelle LH and RH (See figures 14, 18, and 87 for detailed illustration)	d	1
	281027	Installation - LH Inboard nacelle piping (See figures 114, 120, 125, 168, 170 and 171)	all	1
	281029	Installation - RH Inboard nacelle piping (See figures 114, 120, 126, 168, 170 and 171)	all	1
	251736L	Installation - Outboard nacelle fillet (See figure 16 for using assembly)	all	1
	269400	Installation - Left outboard engine nacelle piping (See figures 114, 120, 125, 168, 170 and 171 for detailed illustration)	all	1
	261213	Installation - Right outboard engine nacelle piping (See figures 114, 120, 126, 168, 170 and 171 for detailed illustration)	all	1
15	251789L	Installation - Outboard nacelle (See figure 15 for detailed illustration)	all	1
	270255L	Installation - Outboard oil tank fittings (See figure 120 for detailed illustration)	all	1
	284463L	Installation - De-icer piping rear shear beam (See figure 171 for detailed illustration)	ggg	1
	279646	Installation - Supercharger induction system LH (See figure 172 for detailed illustration)	all	1
	279645	Installation - Supercharger induction system RH (See figure 172 for detailed illustration)	all	1
16	251009L	Aileron Assembly (See figure 21 for detailed illustration)	a	1
	280539L	Aileron Assembly (See figure 21 for detailed illustration)	b	1
17	279590-3L	Lock - Hinge	all	1
18	250003-3	Pin - Hinge	all	1
19	279590-2	Lock - Hinge	all	1
20	250003-2	Pin - Hinge	all	1
	253774	Installation - Wing tip	all	1
21	270525-500L	Tip Assembly - Wing complete	all	1
	275966L	Tip Assembly - Wing complete	all	1
	275966-3L	Filler	all	2
	251219	Filler - Wing tip	all	2
22	270840-500L	Installation - Electric equipment wing tip (See figure 196 for detailed illustration)	all	2
23	251003L	Wing Assembly - Outboard section (See figures 19, 20, 77, 125, and 126, for detailed illustration)	all	1

LH SHOWN; RH OPPOSITE EXCEPT AS NOTED.

STRUCTURE

Reissued July 1947

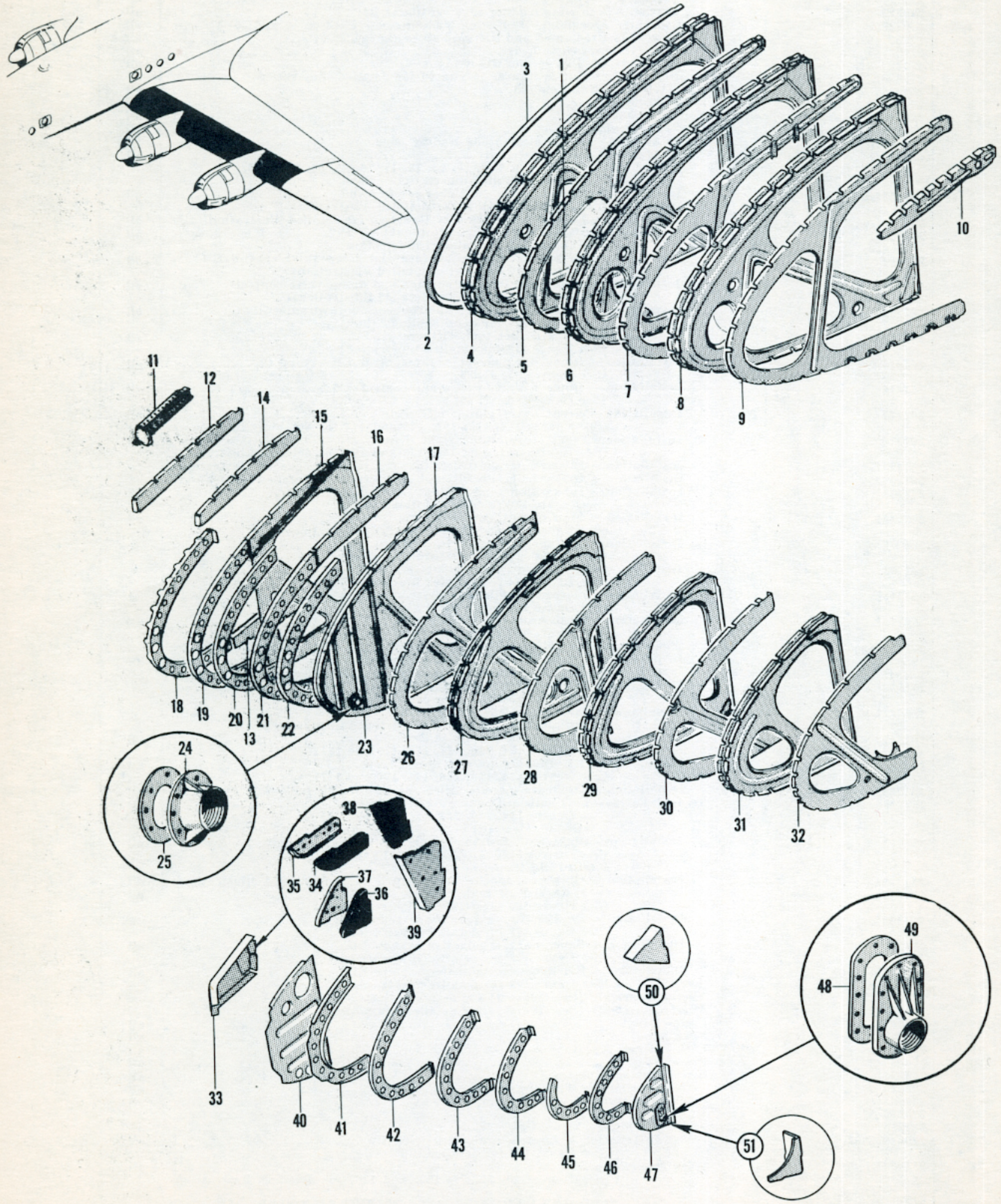

Figure 3 — Leading Edge Ribs and Formers

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251000L	Wing Assembly – Inner section (N.P.) (See figure 2 for using assembly)	all	Ref
	251783	Installation – Station 80 leading edge former (NP)	all	1
3 - 1	251023-2L	Former	all	1
2	251023-3L	Former	all	1
3	251023-4L	Former	all	1
	251822L	Installation – Station 87 leading edge rib (NP)	all	1
	01-251025L	Rib Service Assembly (Consists of engineering drawing 251025L, less the following parts: 277846, 274833 and 274834)	all	Ref
4	251025L	Rib Assembly	all	1
	251782L	Installation – Station 96 leading edge former (NP)	all	1
5	251687L	Former	all	1
	251779L	Installation – Station 105 leading edge rib (NP)	all	1
6	251027L	Rib Assembly	all	1
	251781L	Installation – Station 115 leading edge former (NP)	all	1
7	251686	Former Assembly	all	1
	251780L	Installation – Station 125 leading edge rib (NP)	all	1
8	251029L	Rib Assembly	all	1
	251821L	Installation – Station 135 leading edge former (NP)	all	1
9	251821-2L	Former Assembly	all	1
	251820L	Installation – Station 145 leading edge former (NP)	all	1
10	251031L	Former Assembly	all	1
	251853L	Installation – Inboard nacelle (NP) (See figure 13 for detailed illustration)	c	1
	280967L	Installation – Inboard nacelle (NP) (See figure 14 for detailed illustration)	d	1
	262365L	Installation – Station 178 leading edge former (NP)	all	1
11	262366L	Former Assembly	all	1
	251818L	Installation – Station 191 former (NP)	all	1
12	251890L	Former	all	1
	251817L	Installation – Station 203 former (NP)	all	1
13	251898L	Former	all	1
14	251899L	Former	all	1
	286257L	Installation – Station 215 leading edge former (NP)	all	1
15	286257-2L	Web Assembly	all	1
	286255L	Installation – Station 226 former (NP)	all	1
16	286255-2L	Former	all	1
	286256L	Installation – Station 238 leading edge rib (NP)	all	1
17	286256-2L	Rib Assembly	all	1
	251682L	Installation – Inner wing leading edge center skin (NP)	all	1
	251682-13L	Leading Edge Assembly	all	1
18	285855L	Former – Station 208	all	1
19	285856-7L	Former – Station 215	all	1
20	284032-2L	Former – Station 221	all	1
21	285857L	Former – Station 226	all	1
22	284033L	Former – Station 232	all	1
23	286128L	Rib Assembly – Station 238$\frac{7}{16}$	all	1
24	274658	Flange	all	1
25	275682	Gasket	all	1
	251809L	Installation – Station 250 former (NP)	all	1
26	255640L	Former	c	1
	251809-2L	Former Assembly	all	1
	251851L	Installation – Station 263 leading edge rib (NP)	all	1
27	251852L	Rib Assembly	all	1
	251865L	Installation – Station 274 former (NP)	all	1
28	251866L	Former Assembly	all	1
	251784L	Installation – Station 287 rib (NP)	all	1
	01-251043L	Rib Service Assembly (Consists of engineering drawing 251043L, less the following parts: 262090, 253991-17, 253991-26)	all	Ref
29	251043L	Rib Assembly	all	1
	251854L	Installation – Station 299 former (NP)	all	1
30	251855L	Former Assembly	all	1
	251790	Installation – Station 312 rib (NP)	all	1
	01-251791L	Rib Service Assembly (Consists of engineering drawing 251791L, less the following parts: 262090, 262321, 253991-19, 253991-26, 290202-4L, 290202-4R, 291297)	all	Ref
31	251791L	Rib Assembly	all	1
	251856L	Installation – Station 324 former (NP)	all	1
32	251857L	Former Assembly	all	1
	263176L	Installation – Station 379 former (NP)	all	1
33	263321L	Former	all	1
34	263320	Seal – Outboard nacelle upper oil	all	1
35	263318L	Plate Assembly – Outboard nacelle upper oil sealing	all	1
36	263319L	Seal – Outboard nacelle upper oil	all	1
37	263317L	Plate Assembly – Outboard nacelle lower oil sealing	all	1
38	284697	Seal – Outboard oil tank upper	all	1
39	284695	Plate – Outboard oil tank upper	all	1
	286000L	Installation – Inner wing leading edge outboard skin (NP)	all	1
	286000-2L	Skin Assembly	all	1
40	285858-2L	Web – Station 395	all	1
41	285859-2L	Former – Station 403	all	1
42	285860-2L	Former – Station 411	all	1
43	285861-2L	Former – Station 420	all	1
44	285862-2L	Former – Station 428	all	1
45	285863-2L	Former – Station 434	all	1
46	285864-2L	Former – Station 440	all	1
47	285865-2L	Rib Assembly – Station 452	all	1
48	275683	Gasket	all	1
49	274656	Flange	all	1
50	284699L	Seal	all	1
51	284696L	Seal – Station 452 upper	all	1

LH SHOWN, RH OPPOSITE.

STRUCTURE

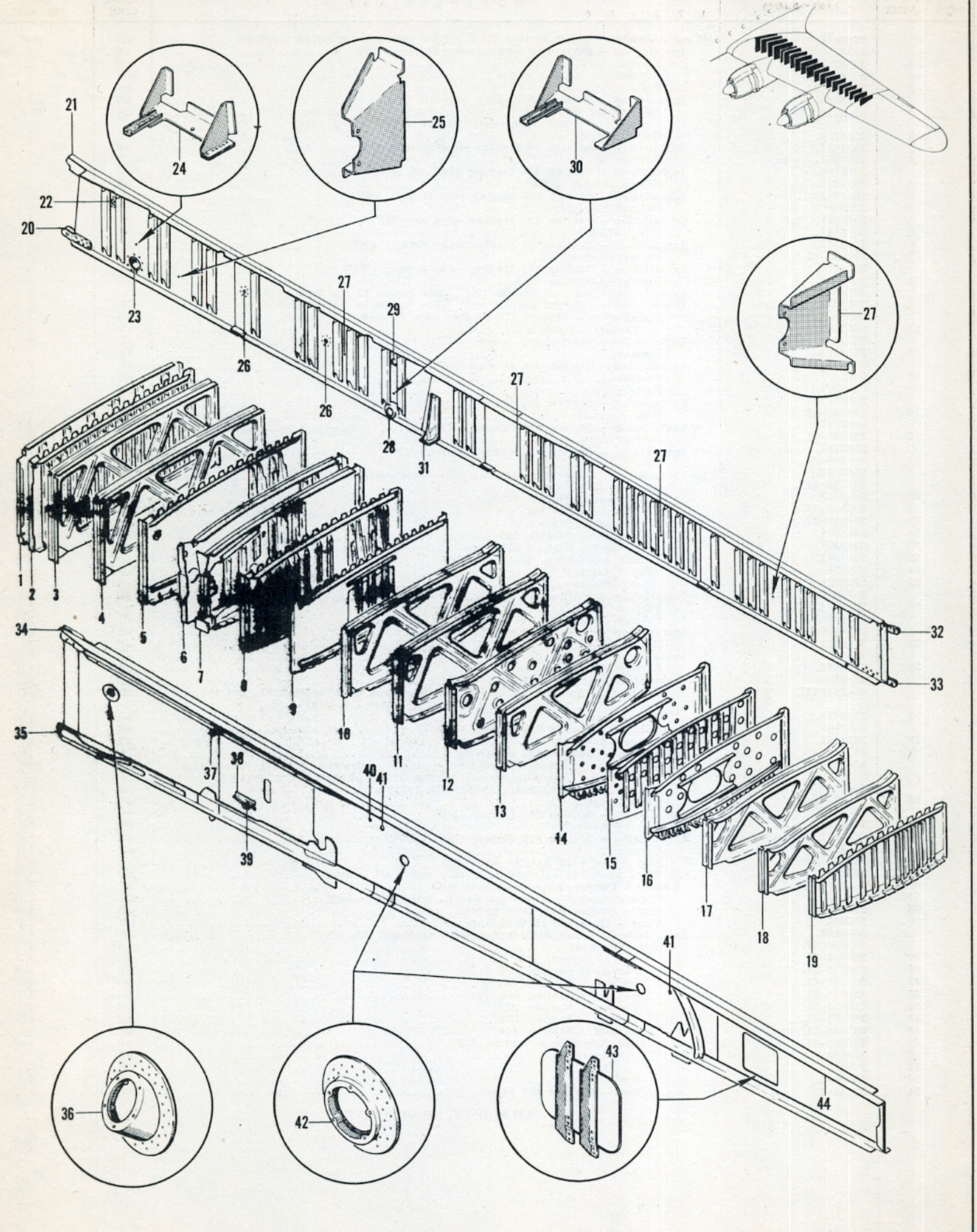

Figure 4 — Ribs and Fittings

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
	269321L	Installation – Station 80 wing rib (NP)	all	1
4 – 1	251022L	Rib Assembly	all	1
2	282951L	Installation – Station 87 wing rib (NP) (See figure 5 for detailed illustration)	all	1
	284444L	Installation – Wing rib station 87 seals (NP) (See figure 5 for detailed illustration)	all	1
	269067L	Installation – Station 105 wing rib (NP)	all	1
3	251026L	Rib Assembly	all	1
	269115L	Installation – Station 125 wing rib (NP)	all	1
4	251028L	Rib Assembly	all	1
5	283089L	Installation – Station 145 wing rib (NP) (See figure 6 for detailed illustration)	all	1
	284350L	Installation – Station 145 wing rib seals (NP) (See figure 6 for detailed illustration)	all	1
6	283305L	Installation – Station 164 wing rib (NP) (See figure 5 for detailed illustration)	all	1
7	283304L	Installation – Station 172 wing rib (NP) (See figure 5 for detailed illustration)	all	1
8	283090L	Installation – Station 191 wing rib (NP) (See figure 7 for detailed illustration)	all	1
9	282969L	Installation – Station 215 wing rib (NP) (See figure 8 for detailed illustration)	all	1
	284397L	Installation – Inner wing station 215 fuel tank seals (NP) (See figure 8 for detailed illustration)	all	1
	269101L	Installation – Station 239 wing ribs (NP)	all	1
10	251038L	Rib Assembly	all	1
	269118L	Installation – Station 263 wing rib (NP)	all	1
11	251040L	Rib Assembly	all	1
	269119L	Installation – Station 287 wing rib (NP)	all	1
12	251042L	Rib Assembly	all	1
	269087L	Installation – Station 312 wing rib (NP)	all	1
13	251044L	Rib Assembly	all	1
	269120L	Installation – Station 337 wing rib (NP)	all	1
14	251046L	Rib Assembly	all	1
	269121L	Installation – Station 358 wing rib (NP)	all	1
15	251048L	Rib Assembly	all	1
	268041L	Installation – Station 379 wing rib (NP)	all	1
16	268040L	Rib Assembly	all	1
	269097L	Installation – Station 404 wing rib (NP)	all	1
17	251052L	Rib Assembly	all	1
	269112L	Installation – Station 429 wing rib (NP)	all	1
18	251054L	Rib Assembly	all	1
19	283039L	Installation – Station 450 wing rib (NP) (See figure 8 for detailed illustration)	all	1
	284355L	Installation – Fuel tank seal wing station 450 (NP) (See figure 8 for detailed illustration)	all	1
	251002L	Beam Assembly – Inner wing rear	all	1
20	251539L	Plate Assembly – Inner wing rear beam lower cap	all	1
	252820L	Plate – Wing station 80 rear lower splice	all	1
21	251536L	Plate Assembly – Station 80 rear beam upper cap	all	1
22	251002-9	Connector	all	1
23	286666-5	Fitting Assembly – Fuel dump intake	dd-bm	1
	291680L	Pipe Assembly – Inboard fuel tank stand	fc	1
24	262632L	Bracket Assembly – Inboard dump valve	all	1
25	267879-3L	Support – Wing flap mechanical torque tube bearing	all	1
26	251002-11	Flange (2 req. serial C; 3 req. serial D)	all	AR
27	267879-2	Support – Wing flap mechanical torque tube bearing	all	4
28	286666-4	Fitting Assembly – Fuel dump intake	dd-bm	1
	291681	Pipe Assembly – Outboard fuel tank stand	fc	1
29	251002-10	Coupling	all	1
30	262633L	Bracket Assembly – Outboard dump valve	all	1
31	282400L	Fitting Assembly – Station 243 machined jack pad	all	1
32	251334L	Fitting – Station 458 wing joint upper bend	all	1
33	266788L	Fitting – Station 458 wing joint beam cap upper inboard	all	1
	267884L	Beam Assembly – Inner wing front	all	1
34	251060L	Plate Assembly – Front beam upper cap	all	1
	251066L	Cap Assembly – Front beam upper inboard	all	1
35	251076L	Plate Assembly – Front beam cap lower	all	1
	251064L	Cap Assembly – Front beam lower inboard	all	1
36	255542	Flange Assembly – Inboard fuel tank gage	all	1
37	267884-15	Flange	all	1
	271107L	Installation – Station 156 fuel valve control bracket	all	1
38	271107-2L	Bracket Assembly	all	1
39	AN210-1A	Pulley	all	1
40	267884-16	Flange	all	2
41	267884-17	Flange	all	1
42	270214	Flange Assembly – Fuel tank quantity gage	all	2
43	251012L	Door Assembly – Inner wing station 412¾ front beam inspection	all	1
44	251065L	Cap – Front beam upper outboard	all	1

L.H. SHOWN – R.H. OPPOSITE

STRUCTURE

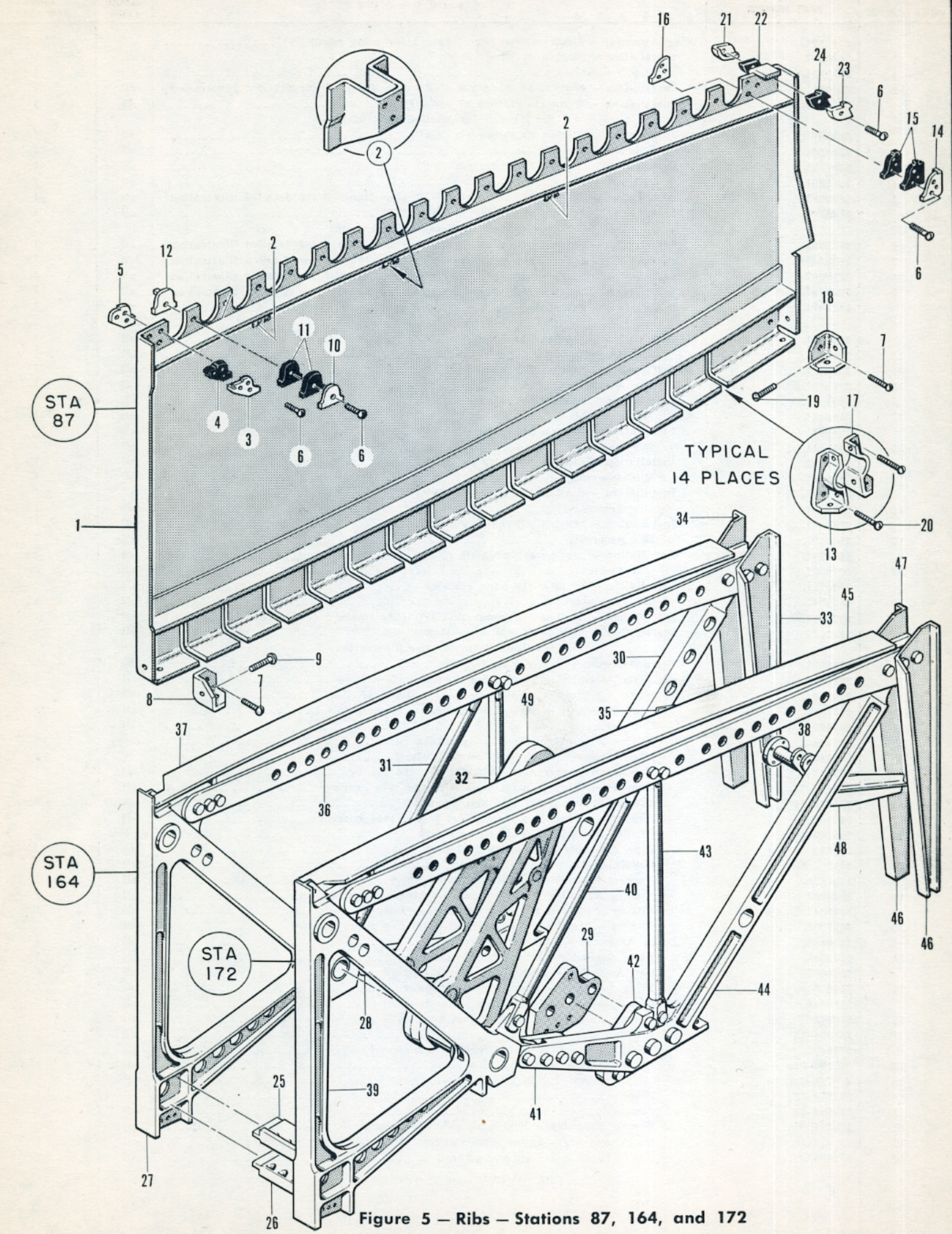

Figure 5 — Ribs — Stations 87, 164, and 172

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	282951L	Installation – Wing rib, station 87 (NP) (See figure 4 for using assembly)	all	Ref
5 - 1	282951-4L	Rib Assembly	all	1
2	283103	Bracket Assembly – Vent line support, station 87	all	3
	284444L	Installation – Wing rib, station 87 seals (NP) (See figure 4 for using assembly)	all	1
3	267215-2L	Plate – Corner upper forward seal	all	1
4	279602-2	Seal – Upper forward corner, thick	all	1
5	279623-2	Plate – Forward corner corrugation seal, rib backing	all	1
6	284517-4	Screw – Fuel tank seals	all	24
7	284517-2	Screw – Fuel tank seals	mm	16
8	283780L	Seal – Fuel tank bulkhead forward corner, station 87	all	1
9	284517-6	Screw – Fuel tank seals	all	6
10	266807-4	Plate – Integral tank rib corrugation seal	all	17
11	279612	Seal – Main corrugation	all	34
12	279614	Plate Assembly – Wing station 81 main corrugation seal, rib backing	all	17
13	283759L	Seal – Fuel tank, wing station 87 forward stringer	all	14
14	267160-7L	Plate – Seal	all	1
15	279611-6	Seal – Last corrugation	all	2
16	279622	Plate – Last corrugation seal, rib backing	all	1
17	283760L	Seal – Fuel tank, wing station 87 aft stringers	all	14
18	283781L	Seal – Fuel tank bulkhead, wing station 87 aft corner	all	1
19	284517-4	Screw – Fuel tank seal	all	1
20	284517-3	Screw – Fuel tank seal (42 required serial MM; 58 required replacing 284517-2 in 16 places – Serial NN)	all	AR
21	267051-20R	Plate – Inboard gas tank (Used on LH only)	all	1
	267051-20L	Plate – Inboard gas tank (Used on RH only)	all	1
22	279585-20	Seal – Inboard corner	all	1
23	267051-21L	Plate – Outboard gas tank	all	1
24	279585-21	Seal – Outboard corner	all	1
	283305L	Installation – Wing rib, station 164 (NP) (See figure 4 for using assembly)	all	Ref
25	283316-2	Support – Landing gear uplock	all	1
26	283316-3	Support – Landing gear uplock	all	1
	NAS210-23	Screw	all	1
	NAS210-44	Screw	all	3
	AN365-820	Nut	all	14
	NAS59-17	Bolt	all	1
	AN365-918	Nut	all	5
	AN6-10A	Bolt	all	1
	AN365-624	Nut	all	1
	AN5-7A	Bolt	all	2
	AN365-524	Nut	all	14
	AN4-11A	Bolt	all	2
	AN365-428	Nut	all	19
	AN4-10A	Bolt	all	12
	AN5-12A	Bolt	all	12
	AN502-10-8	Screw	all	4
	AN4-6A	Bolt	all	1
	AN4-12A	Bolt	all	4
	NAS58-17	Bolt	all	5
27	283322	Fitting Assembly – Landing gear drag link pivot point, wing station 164	all	1
	283314	Bushing – Landing gear retracting cylinder rib	all	2
	283315	Bushing – Landing gear drag link pivot fitting	all	2
	283312	Bushing – Rib truss point diagonal tube	all	1
28	283305-12	Plate (Same as index No. 41)	all	1
29	283305-8L	Plate (Same as index No. 42)	all	1
	AN8-12A	Bolt	all	3
	AN9-13A	Bolt	all	2
	AN9-15A	Bolt	all	1
	NAS211-23	Bolt	all	1
	NAS58-24	Bolt	all	2
30	283320L	Strut Assembly – Rib, station 164 aft	all	1
	283313	Bushing – Rib truss point vertical member	all	1
	283310	Bushing – Downlock pin bearing	all	1
31	283318-2	Tube Assembly – Drag link rib diagonal	all	1
32	283319	Tube Assembly – Drag link rib vertical	all	1
33	283305-2L	Channel	all	1
34	283305-3L	Channel	all	1
35	283305-5L	Support (Similar to index No. 48)	all	1
36	283305-7	Former	all	1
37	283305-6L	Tee	all	1
38	270202	Tube Assembly – Landing gear downlock pivot (See figure 156 for using assembly)	all	Ref
	283304L	Installation – Wing rib, station 172 (NP) (See figure 4 for using assembly)	all	Ref
39	283323	Fitting Assembly – Landing gear drag link pivot point, wing station 172	all	1
	283312	Bushing – Rib truss point diagonal tube	all	1
	283314	Bushing – Landing gear retract cylinder rib	all	2
	283315	Bushing – Landing gear drag link pivot fitting	all	2
40	283318-3	Tube Assembly – Drag link rib diagonal	all	1
41	283305-12	Plate (Same as index No. 28)	all	1
42	283305-8L	Plate (Same as index No. 29)	all	1
43	283319	Tube Assembly – Drag link rib vertical	all	1
44	283321L	Strut Assembly – Rib, station 172 aft	all	1
	283310	Bushing – Downlock pin bearing	all	1
	283313	Bushing – Rib truss point diagonal member	all	1
45	283304-7	Former – Wing rib, station 172	all	1
46	283304-2L	Channel – Wing rib, station 172	all	1
47	283304-3L	Channel – Wing rib, station 172	all	1
48	283304-5L	Support (Similar to index No. 35)	all	1
49	288983-2L	Link – Main landing gear upper drag (See figure 151 for using assembly)	all	Ref

LH SHOWN, RH OPPOSITE.

*Replaces Standard Part per Service Instruction 49/SI-27.

STRUCTURE

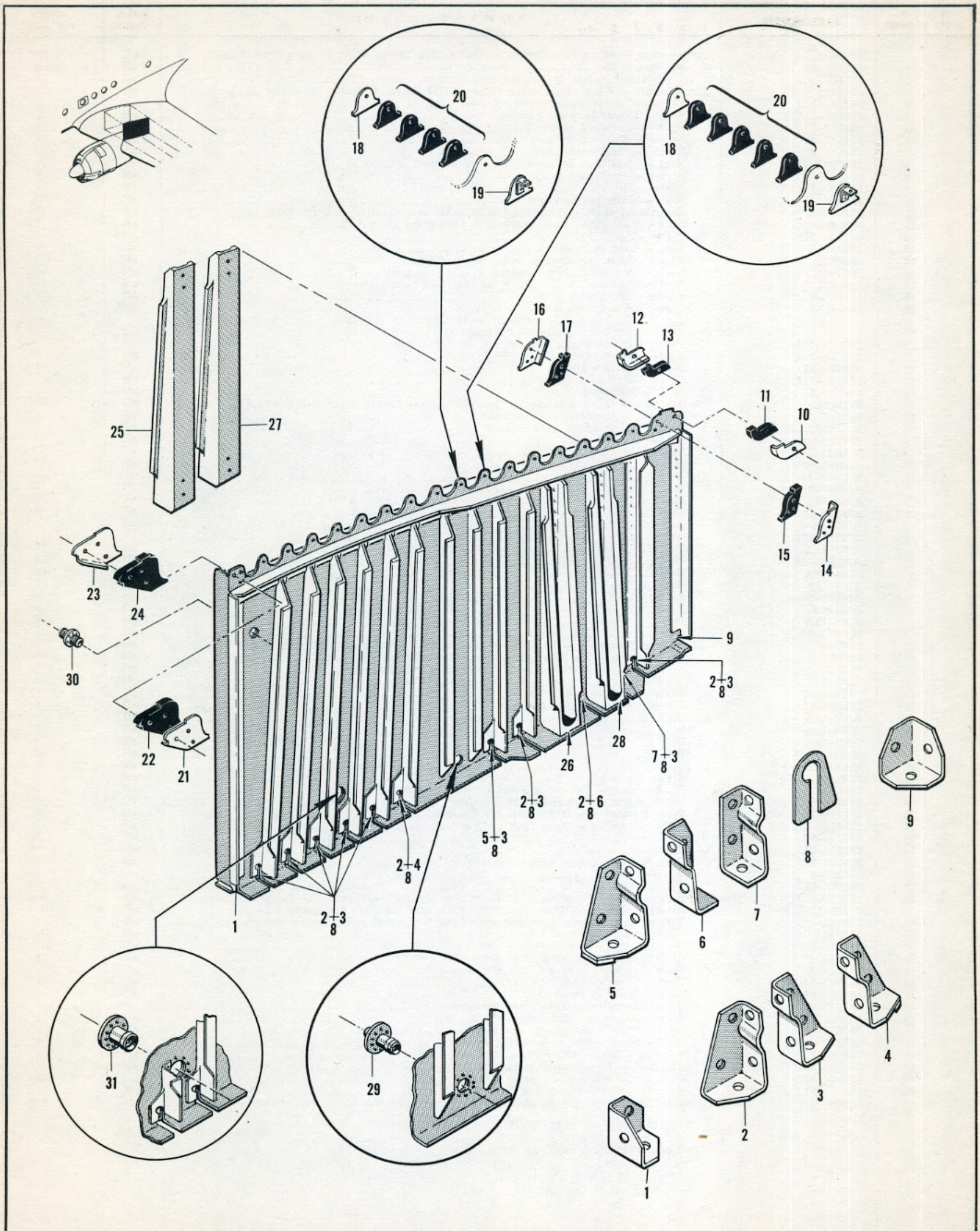

Figure 6 — Rib — Station 145

GROUP . . . . Inner Wing Structure

Detail Unit . . . Rib—Station 145

Constellation

STRUCTURE

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	284350L	Installation – Wing rib seals, station 145 (NP) (See figure 4 for using assembly) ..	all	Ref
	284350R	Installation – Wing rib seals, station 145 (NP) (See figure 4 for using assembly) ..	all	Ref
6 – 1	283782L	Seal – Fuel tank corner forward	all	1
	283782R	Seal – Fuel tank corner forward	all	1
2	283757–2L	Seal – Fuel tank stringer forward	all	9
	283757–2R	Seal – Fuel tank stringer forward	all	9
3	283758–2L	Seal – Fuel tank stringer aft	all	9
	283758–2R	Seal – Fuel tank stringer aft	all	9
4	283755–6L	Seal Assembly – Fuel tank stringer aft	all	1
	283755–6R	Seal Assembly – Fuel tank stringer aft	all	1
5	283755–5L	Seal Assembly – Fuel tank stringer forward	all	1
	283755–5R	Seal Assembly – Fuel tank stringer forward	all	1
6	283758–3L	Seal – Fuel tank stringer aft	all	1
	283758–3R	Seal – Fuel tank stringer aft	all	1
7	283757–3L	Seal – Fuel tank stringer forward	all	1
	283757–3R	Seal – Fuel tank stringer forward	all	1
8	282345–3	Plate – Lower surface stringer seal	all	11
9	283783L	Seal – Fuel tank corner aft	all	1
	283783R	Seal – Fuel tank corner aft	all	1
	284517–2	Screw – Fuel tank seal	mm	25
	284517–3	Screw – Fuel tank seal (21 Required serial MM; 46 required serial NN)	all	AR
	284517–4	Screw – Fuel tank seal	all	7
	284517–5	Screw – Fuel tank seal (20 Required serial C; 19 required serial X)	a	AR
	284517–6	Screw – Fuel tank seal	all	1
	284517–7	Screw – Fuel tank seal (Replaces 284517–5, 19 req. serial HH; 18 req. serial GG)	b	AR
	284517–11	Screw – Fuel tank seal	all	2
	284517–15	Screw – Fuel tank seal	ppp	9
	284517–16	Screw – Fuel tank seal (7 Required serial PPP; 9 required serial QQQ)	all	AR
	284517–22	Screw – Fuel tank seal	qqq	7
	AN3–6	Bolt	dd	2
	AN3H6	Bolt	gg	2
	AN500–10A10	Screw – Fillister head (2 Required serial C; 3 rquired serial RR)	dd	AR
	AN500A10–10	Screw	gg	4
	AN525–10–9	Screw	all	11
	AN525–10–12	Screw	all	9
10	267051–12L	Plate – Fuel tank corner seal, aft outboard	all	1
	267051–12R	Plate – Fuel tank corner seal, aft outboard	all	1
11	279585–12	Seal – Fuel tank corner, aft outboard	all	1
	267051–13L	Plate – Fuel tank corner seal, aft inboard (Used on RH only)	all	1
12	267051–13R	Plate – Fuel tank corner seal, aft inboard (Used on LH only)	all	1
13	279585–13	Seal – Fuel tank corner, aft inboard	all	1
14	267160–2L	Plate – Fuel tank corrugation seal, outboard	all	1
	267160–2R	Plate – Fuel tank corrugation seal, outboard	all	1
15	279611–2	Seal – Fuel tank corrugation, outboard	all	1
	267160–6L	Plate – Fuel tank corrugation seal, inboard (Used on RH only)	all	1
16	267160–6R	Plate – Fuel tank corrugation seal, inboard (Used on LH only)	all	1
17	279611–5	Seal – Fuel tank corrugation, inboard	all	1
18	266807–4	Plate – Fuel tank corrugation seal	all	16
19	284580	Plate Assembly – Fuel tank corrugation seals	all	16
20	279612	Seal – Fuel tank corrugation	all	71
21	267215–4L	Plate – Fuel tank corner seal, forward outboard	all	1
	267215–4R	Plate – Fuel tank corner seal, forward outboard	all	1
22	279597–2	Seal – Fuel tank corner forward outboard	all	1
23	267215–5L	Plate – Fuel tank corner seal, forward inboard	all	1
	267215–5R	Plate – Fuel tank corner seal, forward inboard	all	1
24	279597–3	Seal – Fuel tank corner forward inboard	all	1
	283089L	Installation – Wing rib, station 145 (NP) (See figure 4 for using assembly)	all	Ref
	283089R	Installation – Wing rib, station 145 (NP) (See figure 4 for using assembly)	all	Ref
	283089–2L	Rib Assembly	all	1
	283089–2R	Rib Assembly	all	1
25	282835L	Support – Landing gear inboard	all	1
	282835R	Support – Landing gear inboard	all	1
26	282836L	Support – Landing gear outboard	all	1
	282836R	Support – Landing gear outboard	all	1
27	282837L	Support – Landing gear inboard	all	1
	282837R	Support – Landing gear inboard	all	1
28	282838L	Support – Landing gear outboard	all	1
	282838R	Support – Landing gear outboard	all	1
29	280385	Fitting – Special hose connection	all	1
30	251034–7	Coupling – Wing rib station 145	all	1
31	283482–55	Flange – Fuel tunnel seal	all	1

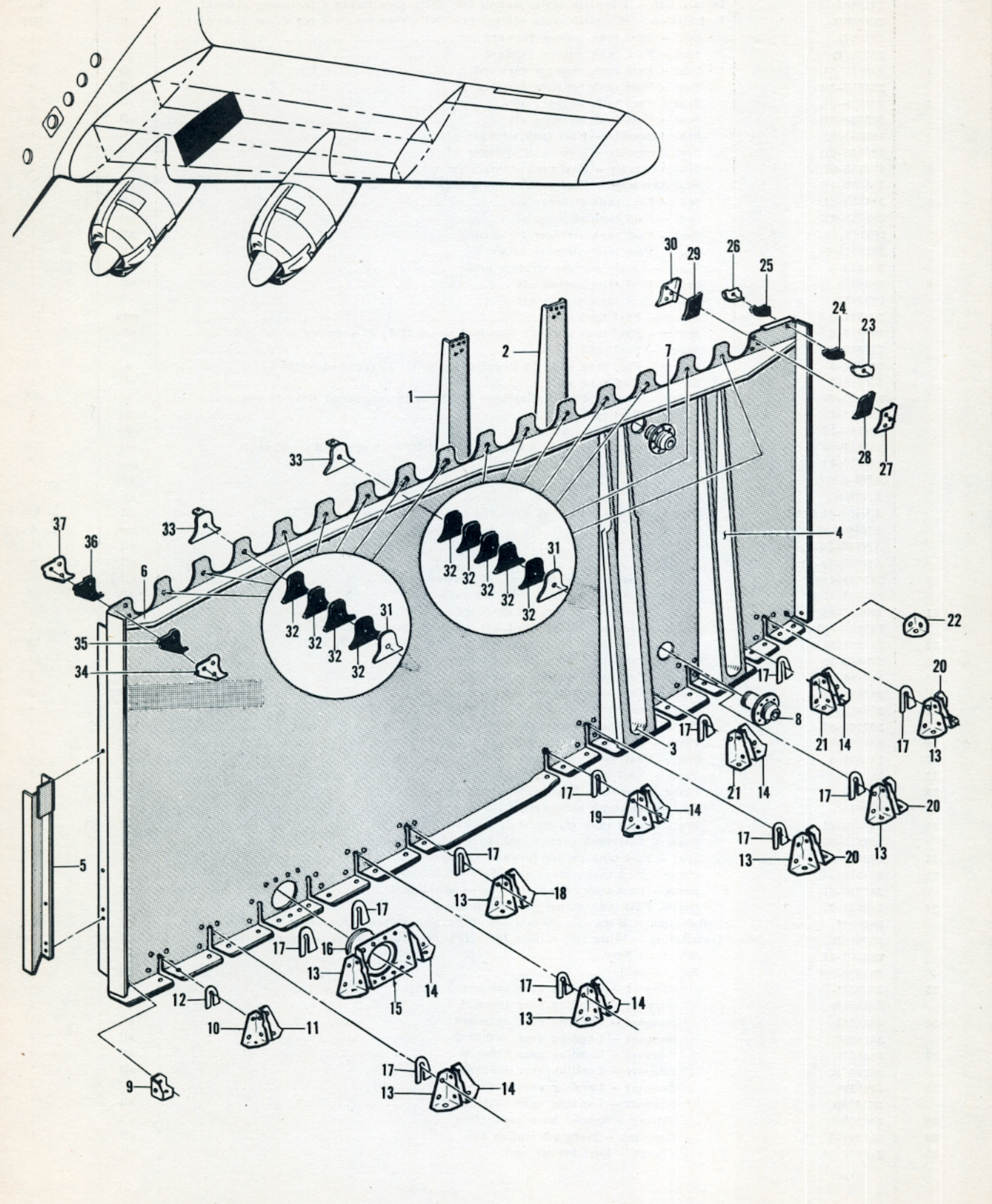

Figure 7 — Rib — Station 191

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	283090L	Installation – Wing rib station 191 (NP) (See figure 4 for using assembly)	all	Ref
	283090R	Installation – Wing rib station 191 (NP) (See figure 4 for using assembly)	all	Ref
	283090–2L	Rib Assembly	all	1
	283090–2R	Rib Assembly	all	1
7 – 1	282839L	Support – Landing gear inboard forward	all	1
	282839R	Support – Landing gear inboard forward	all	1
2	282841L	Support – Landing gear inboard aft	all	1
	282841R	Support – Landing gear inboard aft	all	1
3	282840L	Support – Landing gear outboard forward	all	1
	282840R	Support – Landing gear outboard forward	all	1
4	282842L	Support – Landing gear outboard aft	all	1
	282842R	Support – Landing gear outboard aft	all	1
5	270079L	Support Assembly – Front beam	all	1
	270079R	Support Assembly – Front beam	all	1
6	283269L	Cap – Wing rib	all	1
	283269R	Cap – Wing rib	all	1
7	251034–6	Coupling	all	1
8	280385	Fitting – Special hose	all	1
	284351L	Installation – Wing rib, seals, station 191 (NP) (See figure 4 for using assembly)	all	Ref
	284351R	Installation – Wing rib, seals, station 191 (NP) (See figure 4 for using assembly)	all	Ref
	284517–2	Screw – Fuel tank seal (33 Req. serial MM; 4 req. serial NN)	all	AR
	284517–3	Screw – Fuel tank seal (21 Req. serial MM; 50 req. serial NN)	all	AR
	284517–4	Screw – Fuel tank seal	a	1
	284517–5	Screw – Fuel tank seal (24 Req. serial A; 2 req. serial B)	all	AR
	284517–6	Screw – Fuel tank seal	a	1
	284517–10	Screw – Fuel tank seal (24 Req. serial HH; 20 req. serial GG)	b	AR
	284517–11	Screw – Fuel tank seal	all	1
	284517–12	Screw – Fuel tank seal	all	1
	284517–14	Screw – Fuel tank seal	a	1
	284517–15	Screw – Fuel tank seal	ppp	8
	284517–16	Screw – Fuel tank seal (7 Req. serial PPP; 8 req. serial QQQ)	all	AR
	284517–22	Screw – Fuel tank seal	qqq	7
	AN3–6A	Bolt – Fuel tank seal	gg	4
	AN500A10–10	Screw – Fuel tank seal	gg	4
9	283780L	Seal – Fuel tank corner forward	all	1
	283780R	Seal – Fuel tank corner forward	all	1
10	283825L	Seal – Fuel tank stringer	all	1
	283825R	Seal – Fuel tank stringer	all	1
11	283824L	Seal – Fuel tank stringer	all	1
	283824R	Seal – Fuel tank stringer	all	1
12	282345–2	Plate – Lower surface stringer seal	all	1
13	283759L	Seal – Fuel tank stringer	all	7
	283759R	Seal – Fuel tank stringer	all	7
14	283760L	Seal – Fuel tank stringer	all	6
	283760R	Seal – Fuel tank stringer	all	6
15	284774L	Seal Assembly – Fuel tunnel	all	1
	284774R	Seal Assembly – Fuel tunnel	all	1
16	284774–2	Funnel – Fuel tunnel	all	1
17	282345–3	Plate – Lower surface stringer seal	all	11
18	283755–7L	Seal Assembly – Fuel tank stringer	all	1
	283755–7R	Seal Assembly – Fuel tank stringer	all	1
19	283755–8L	Seal Assembly – Fuel tank stringer	all	1
	283755–8R	Seal Assembly – Fuel tank stringer	all	1
20	283756–2L	Seal – Fuel tank stringer	all	3
	283756–2R	Seal – Fuel tank stringer	all	3
21	283756–3L	Seal – Fuel tank stringer	all	2
	283756–3R	Seal – Fuel tank stringer	all	2
22	283781L	Seal – Fuel tank corner aft	all	1
	283781R	Seal – Fuel tank corner aft	all	1
23	267051–3L	Plate – Fuel tank corner seal, aft outboard	all	1
	267051–3R	Plate – Fuel tank corner seal, aft outboard	all	1
24	279585–3	Seal – Fuel tank corner, aft outboard	all	1
25	279585–2	Seal – Fuel tank corner, aft inboard	all	1
26	267051–31R	Plate – Fuel tank corner seal, aft inboard (Used on LH)	all	1
	267051–31L	Plate – Fuel tank corner seal, aft inboard (Used on RH)	all	1
27	267160–5L	Plate – Fuel tank corrugation seal, aft outboard	all	1
	267160–5R	Plate – Fuel tank corrugation seal, aft outboard	all	1
28	279611–4	Seal – Fuel tank corrugation, aft outboard	all	1
29	279611–3	Seal – Fuel tank corrugation, aft outboard	all	1
30	267160–3R	Plate – Fuel tank corrugation seal, aft inboard (Used on LH)	all	1
	267160–3L	Plate – Fuel tank corrugation seal, aft inboard (Used on RH)	all	1
31	266807–4	Plate – Fuel tank corrugation seal, outboard	all	15
32	279612	Seal – Fuel tank corrugation, outboard	all	67
33	279586	Plate Assembly – Fuel tank corrugation, inboard	all	15
34	267215–6L	Plate – Fuel tank corner seal, forward outboard	all	1
	267215–6R	Plate – Fuel tank corner seal, forward outboard	all	1
35	279597–4	Seal – Fuel tank corner, forward outboard	all	1
36	279597–5	Seal – Fuel tank corner, forward inboard	all	1
37	267215–7L	Plate – Fuel tank corner, forward inboard	all	1
	267215–7R	Plate – Fuel tank corner, forward inboard	all	1

STRUCTURE

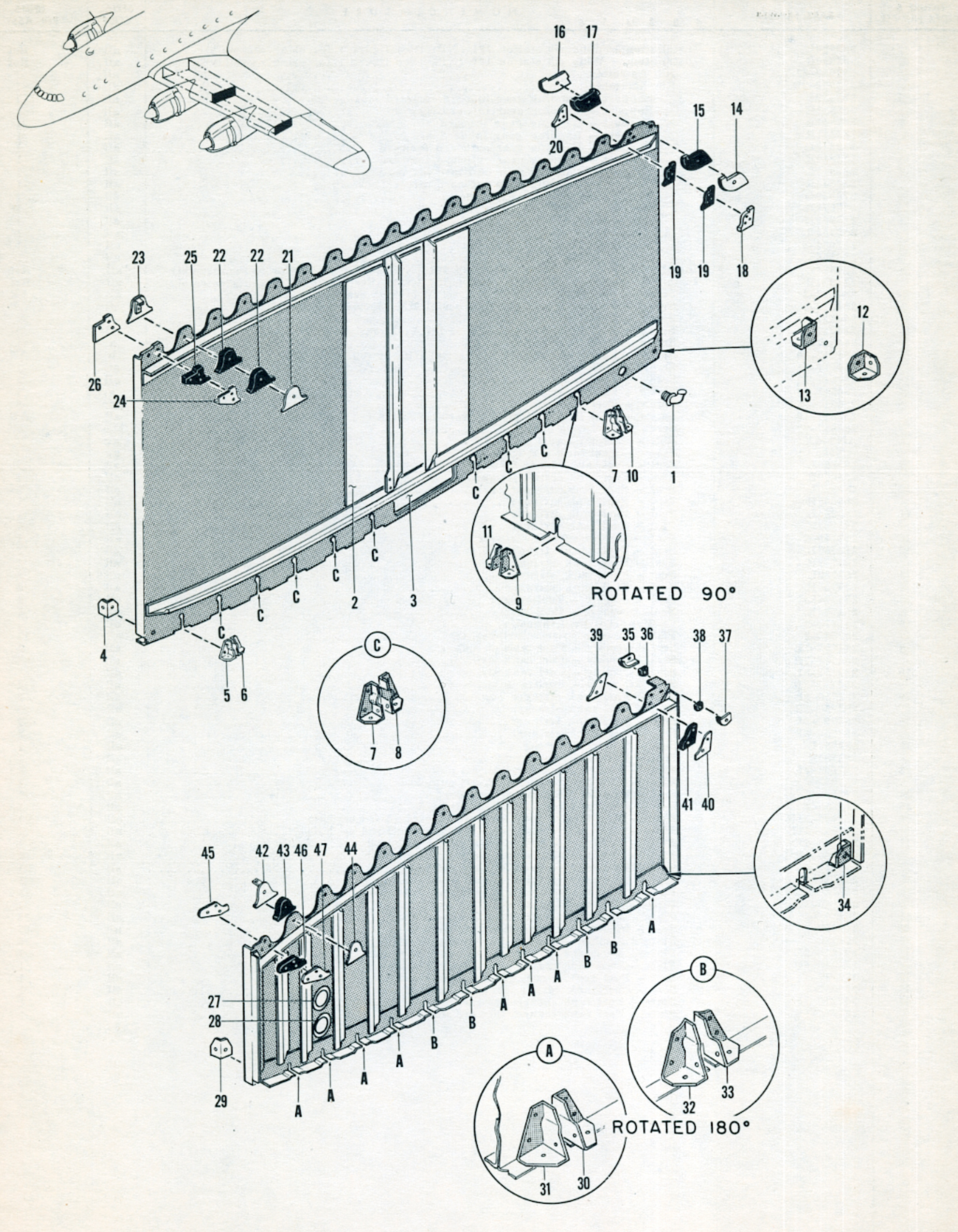

Figure 8 — Ribs — Stations 215 and 450

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	282969L	Installation – Wing rib, station 215 (NP) (See figure 4 for using assembly)	all	Ref
	282969R	Installation – Wing rib, station 215 (NP) (See figure 4 for using assembly)	all	Ref
	282969–2L	Rib Assembly	all	1
	282969–2R	Rib Assembly	all	1
8 – 1	264753	Fitting – Outboard fuel tank outlet	all	1
2	282969–6L	Cover Assembly – Fuel tank rib manhole	all	1
	282969–6R	Cover Assembly – Fuel tank rib manhole	all	1
3	282969–15L	Cover Assembly	cr	1
	282969–15R	Cover Assembly	cr	1
	284397L	Installation – Inner wing station 215 fuel tank seals (NP) (See figure 4 for using assembly)	all	Ref
	284397R	Installation – Inner wing station 215 fuel tank seals (NP) (See figure 4 for using assembly)	all	Ref
	284517–2	Screw – Fuel tank seal (3 Req. serial A; 10 req. serial FG)	m	AR
	284517–3	Screw – Fuel tank seal (11 Req. serial A; 32 req. serial FG; 42 req. serial NN)	all	AR
	284517–4	Screw – Fuel tank seal	all	22
	284517–8	Screw – Fuel tank seal	all	1
	284517–12	Screw – Fuel tank seal	all	2
4	283782L	Seal – Fuel tank corner, forward outboard	all	1
	283782R	Seal – Fuel tank corner, forward outboard	all	1
5	283755–11L	Seal Assembly – Fuel tank stringer	all	1
	283755–11R	Seal Assembly – Fuel tank stringer	all	1
6	283755–13L	Seal Assembly – Fuel tank stringer	all	1
	283755–13R	Seal Assembly – Fuel tank stringer	all	1
7	283755–8L	Seal Assembly – Fuel tank stringer	all	9
	283755–8R	Seal Assembly – Fuel tank stringer	all	9
8	283755–7L	Seal Assembly – Fuel tank stringer	all	8
	283755–7R	Seal Assembly – Fuel tank stringer	all	8
9	283755–14L	Seal Assembly – Fuel tank stringer, aft inboard	all	1
	283755–14R	Seal Assembly – Fuel tank stringer, aft inboard	all	1
10	283755–10L	Seal Assembly – Fuel tank stringer, aft outboard	all	1
	283755–10R	Seal Assembly – Fuel tank stringer, aft outboard	all	1
11	283755–9L	Seal Assembly – Fuel tank stringer, aft inboard	all	1
	283755–9R	Seal Assembly – Fuel tank stringer, aft inboard	all	1
12	283755–16L	Seal Assembly – Fuel tank corner, aft outboard	all	1
	283755–16R	Seal Assembly – Fuel tank corner, aft outboard	all	1
13	283755–18L	Seal Assembly – Fuel tank corner, aft inboard	all	1
	283755–18R	Seal Assembly – Fuel tank corner, aft inboard	all	1
14	267051–31L	Plate – Fuel tank corner seal, aft outboard	all	1
	267051–31R	Plate – Fuel tank corner seal, aft outboard	all	1
15	279585–2	Seal – Fuel tank corner, aft outboard	all	1
16	267051–30R	Plate – Fuel tank corner seal, aft inboard	all	1
	267051–30L	Plate – Fuel tank corner seal, aft inboard	all	1
17	279585–24	Seal – Fuel tank corner, aft inboard	all	1
18	267160–8L	Plate – Fuel tank corrugation crest seals, aft outboard	all	1
	267160–8R	Plate – Fuel tank corrugation crest seals, aft outboard	all	1
19	279611–2	Seal – Fuel tank corrugation crest, aft outboard	all	2
20	279622	Plate – Fuel tank corrugation crest seal, aft inboard	all	1
21	266807–4	Plate – Fuel tank corrugation seal	all	15
22	279612	Seal – Fuel tank corrugation	all	30
23	279586	Plate Assembly – Fuel tank corrugation seal	all	15
24	267215–8L	Plate – Fuel tank corner seal, forward outboard	all	1
	267215–8R	Plate – Fuel tank corner seal, forward outboard	all	1
25	279602–3	Seal – Fuel tank corner, forward outboard	all	1
26	279623–3	Plate – Fuel tank corner seal, forward inboard	all	1
	283039L	Installation – Wing station 450.5 integral fuel tank rib (NP) (See figure 4 for using assembly)	all	Ref
	283039R	Installation – Wing station 450.5 integral fuel tank rib (NP) (See figure 4 for using assembly)	all	Ref
	283039–2L	Rib Assembly	all	1
	283039–2R	Rib Assembly	all	1
27	264798–507	Connector – Fuel tank, forward	ah	1
28	264798–508	Connector – Fuel tank, forward	ah	1
	284355L	Installation – Fuel tank seals wing station 450 (NP) (See fig. 4 for using assembly)	all	Ref
	284355R	Installation – Fuel tank seals wing station 450 (NP) (See fig. 4 for using assembly)	all	Ref
	284517–2	Screw – Fuel tank seal	mm	26
	284517–3	Screw – Fuel tank seal (24 Req. serial MM; 50 req. serial NN)	all	AR
	284517–4	Screw – Fuel tank seal	all	18
	284517–12	Screw – Fuel tank seal	all	1
	284517–13	Screw – Fuel tank seal	all	1
29	283784L	Seal – Fuel tank corner, forward inboard	all	1
	283784R	Seal – Fuel tank corner, forward inboard	all	1
30	283761R	Seal – Fuel tank stringer	all	8
31	283761L	Seal – Fuel tank stringer	all	8
32	283762L	Seal Assembly – Fuel tank stringer	all	4
33	283762R	Seal Assembly – Fuel tank stringer	all	4
34	283785L	Seal – Fuel tank corner, aft inboard	all	1
	283785R	Seal – Fuel tank corner, aft inboard	all	1
35	268198–7L	Plate – Fuel tank corner seal, aft inboard	all	1
	268198–7R	Plate – Fuel tank corner seal, aft inboard	all	1
36	268441–7	Seal – Fuel tank corner, aft inboard	all	1
37	268198–6L	Plate – Fuel tank corner seal, aft outboard	all	1
	268198–6R	Plate – Fuel tank corner seal, aft outboard	all	1
38	268441–6	Seal – Fuel tank corner, aft outboard	all	1
39	279595	Plate – Fuel tank corrugation crest seal, aft inboard	all	1
40	268078–5L	Plate – Fuel tank corrugation crest seal, aft outboard	all	1
	268078–5R	Plate – Fuel tank corrugation crest seal, aft outboard	all	1
41	279629	Seal – Fuel tank corrugation, aft outboard	all	1
42	279586	Plate Assembly – Fuel tank corrugation seal, inboard	all	12
43	279612	Seal – Fuel tank corrugation	all	24
44	266807–4	Plate – Fuel tank corrugation seal, outboard	all	12
45	279596	Plate – Fuel tank corner seal, forward inboard	all	1
46	279618	Seal – Fuel tank corner, forward outboard	all	1
47	268078–2L	Plate – Fuel tank corner seal, forward outboard	all	1
	268078–2R	Plate – Fuel tank corner seal, forward outboard	all	1

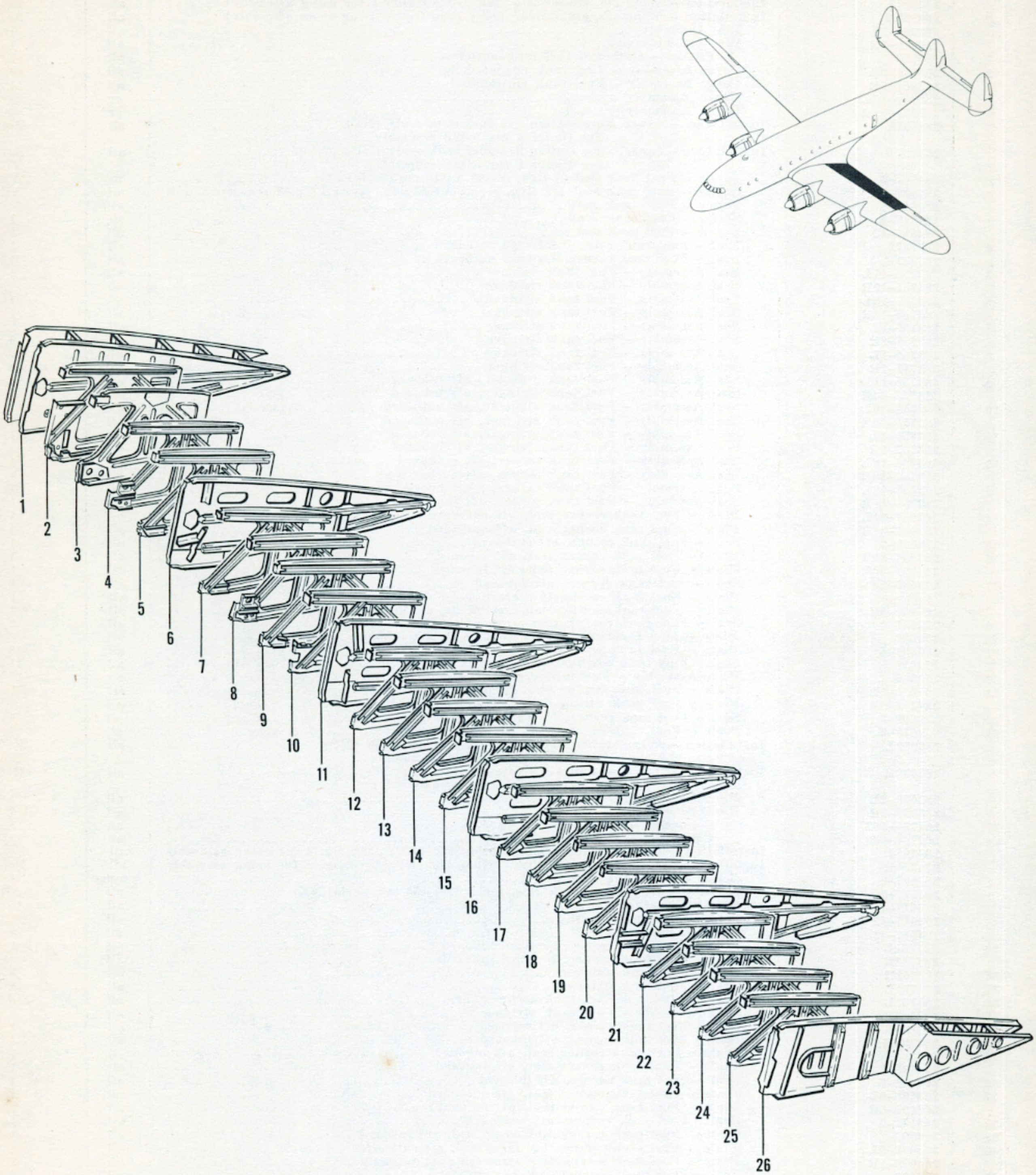

Figure 9 — Trailing Edge Ribs

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
9 – 1	272053L	Installation – Flap track rib No. 1 station 0 (See figure 10 for detailed illustration)	all	1
	251848L	Installation – Rib, flap station 15 trailing edge forward	all	1
	01–251858L	Rib Service Assembly	all	Ref
2	251858L	Rib Assembly	all	1
	251847L	Installation – Rib, flap station 29 trailing edge forward	all	1
	01–251265L	Rib Service Assembly	all	Ref
3	251265L	Rib Assembly	all	1
	251786L	Installation – Rib, flap station 43 trailing edge forward	all	1
	01–251785L	Rib Service Assembly	all	Ref
4	251785L	Rib Assembly	all	1
	251788L	Installation – Rib, flap station 58 trailing edge forward	all	1
	01–251787L	Rib Service Assembly	all	Ref
5	251787L	Rib Assembly	all	1
6	280046L	Installation – Flap track rib No. 2 sta. 73 (See figure 10 for detailed illustration)	all	1
	251837L	Installation – Inner wing flap station 88 trailing edge forward rib	all	1
	01–252145L	Web Service Assembly	all	Ref
7	252145L	Web Assembly	all	1
	251836L	Installation – Rib, flap station 102 trailing edge forward	all	1
	01–252146L	Rib Service Assembly	all	Ref
8	252146L	Rib Assembly	all	1
	251835L	Installation – Rib, flap station 117 trailing edge forward	all	1
	01–251748L	Rib Service Assembly	all	Ref
9	251748L	Rib Assembly	all	1
	251834L	Installation – Rib, flap station 131 trailing edge forward	all	1
	01–251746L	Rib Service Assembly	all	Ref
10	251746L	Rib Assembly	all	1
11	280045L	Installation – Flap track No. 3 station 146 (See figure 10 for detailed illustration)	all	1
	251826–2L	Installation – Rib, flap station 162 trailing edge forward	all	1
	01–252980–2L	Rib Service Assembly	all	Ref
12	252980–2L	Rib Assembly	all	1
	251826–3L	Installation – Rib, flap station 176 trailing edge forward	all	1
	01–252980–3L	Rib Service Assembly	all	Ref
13	252980–3L	Rib Assembly	all	1
	251826–4L	Installation – Rib, flap station 190 trailing edge forward	all	1
	01–252980–4L	Rib Service Assembly	all	Ref
14	252980–4L	Rib Assembly (May be purchased from 01–252980–4L)	all	1
	251826–5L	Installation – Rib, flap station 204 trailing edge forward	all	1
	01–252980–5L	Rib Service Assembly	all	Ref
15	252980–5L	Rib Assembly	all	1
16	280043L	Installation – Flap track rib No. 4 sta. 220 (See figure 10 for detailed illustration)	all	1
	251826–6L	Installation – Rib, flap station 235 trailing edge forward	all	1
	01–252980–6L	Rib Service Assembly	all	Ref
17	252980–6L	Rib Assembly	all	1
	251826–7L	Installation – Rib, flap station 249 trailing edge forward	all	1
	01–252980–7L	Rib Service Assembly	all	Ref
18	252980–7L	Rib Assembly	all	1
	252319–2L	Installation – Rib, flap station 263 trailing edge forward	all	1
	01–253431–2L	Rib Service Assembly	all	Ref
19	253431–2L	Rib Assembly	all	1
	252319–3L	Installation – Rib, flap station 278 trailing edge forward	all	1
	01–253431–3L	Rib Service Assembly	all	Ref
20	253431–3L	Rib Assembly	all	1
21	280047L	Installation – Flap track No. 5 sta. 293 (See figure 10 for detailed illustration)	all	1
	251826–8L	Installation – Rib, flap station 308 trailing edge forward	all	1
	01–252980–8L	Rib Service Assembly	all	Ref
22	252980–8L	Rib Assembly	all	1
	251826–9L	Installation – Rib, flap station 322 trailing edge forward	all	1
	01–252980–9L	Rib Service Assembly	all	Ref
23	252980–9L	Rib Assembly	all	1
	251826–10L	Installation – Rib, flap station 337 trailing edge forward	all	1
	01–252980–10L	Rib Service Assembly	all	Ref
24	252980–10L	Rib Assembly	all	1
	251826–11L	Installation – Rib, flap station 351 trailing edge forward	all	1
	01–252980–11L	Rib Service Assembly	all	Ref
25	252980–11L	Rib Assembly	all	1
26	272059L	Installation – Flap track No. 6 station 366 (See figure 10 for detailed illustration)	all	1
		LH SHOWN, RH OPPOSITE.		

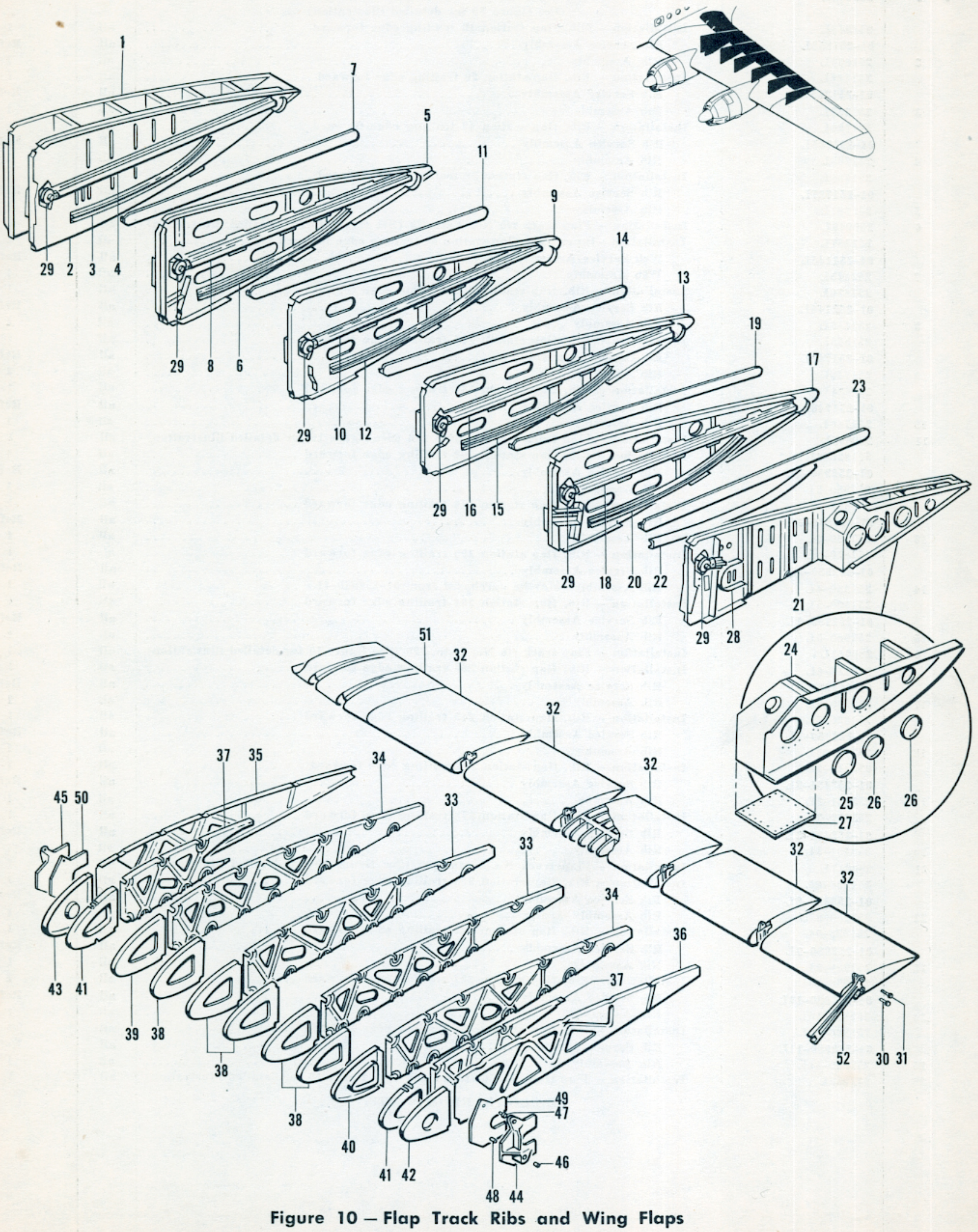

Figure 10 — Flap Track Ribs and Wing Flaps

STRUCTURE

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	272053L	Installation – Flap track rib No. 1 flap station 0 (NP) (See figure 9 for using assembly)	all	Ref
	01–272053–2L	Rib Service Assembly	all	Ref
	272053–2L	Rib Assembly – Flap track No. 1	all	1
10 – 1	272053–3L	Rib Assembly – Flap track No. 1	all	1
2	272054L	Rib Assembly – Flap track No. 1	all	1
3	251248–2L	Track – Lower outboard	all	1
4	270426–2R	Track – Outboard (LH only)	all	1
	270426–6L	Track – Upper outboard (RH only)	all	1
	280046L	Installation – Flap track rib No. 2 station 73 (NP) (See figure 9 for using assembly)	all	Ref
5	280046–2	Rib Assembly – Flap track No. 2 (LH only)	all	1
	280046–3	Rib Assembly – Flap track No. 2 (RH only)	all	1
6	270230–24	Track – Lower outboard and inboard	all	1
7	270230–25	Track – Upper inboard	all	1
8	279178	Track – Upper outboard	all	1
	280045L	Installation – Flap track rib No. 3 station 146 (NP) (See figure 9 for using assembly)	all	Ref
	01–280045–2	Rib Service Assembly	all	Ref
9	280045–2	Rib Assembly – Flap track No. 3 (LH only)	all	1
	01–280045–11	Rib Service Assembly	all	Ref
	280045–11	Rib Assembly – Flap track No. 3 (RH only)	all	1
10	270230–24	Track – Lower outboard & inboard	all	1
11	270230–25	Track – Upper inboard	all	1
12	279178	Track – Upper outboard	all	1
	280043L	Installation – Flap track rib No. 4 station 220 (NP) (See figure 9 for using assembly)	all	Ref
	01–280043–2	Rib Service Assembly	all	Ref
13	280043–2	Rib Assembly – Flap track No. 4 (LH only)	all	1
	01–280043–4	Rib Service Assembly	all	Ref
	280043–4	Rib Assembly – Flap track No. 4 (RH only)	all	1
14	270230–25	Track – Upper inboard	all	1
15	270230–24	Track – Lower outboard & inboard	all	1
16	279178	Track – Upper outboard	all	1
	280047L	Installation – Flap track rib No. 5 station 293 (NP) (See figure 9 for using assembly)	all	Ref
	01–280047–2	Rib Service Assembly	all	Ref
17	280047–2	Rib Assembly – Flap track rib No. 5 (LH only)	all	1
	01–280047–4	Rib Service Assembly	all	Ref
	280047–4	Rib Assembly – Flap track rib No. 5 (RH only)	all	1
18	270230–24	Track – Lower outboard & inboard	all	1
	251676R	Track	all	1
19	270230–25	Track – Upper inboard	all	1
	270426–5L	Track	all	1
20	279178	Track – Upper outboard	all	1
	272059L	Installation – Flap track rib No. 6 station 336 (NP) (See figure 9 for using assembly)	all	Ref
	01–272059–2L	Rib Service Assembly	all	Ref
	272059–2L	Rib Assembly – Flap track No. 6	all	1
21	273662L	Rib Assembly – Flap track No. 6	all	1
22	251248–3R	Track – Lower inboard	all	1
23	270426–6L	Track – Upper inboard (Used on LH)	all	1
	270426–2R	Track – Inboard (Used on RH)	all	1
	274856L	Installation – Flap track rib No. 6 auxiliary rib (NP)	all	1
24	274856–2L	Rib Assembly – Auxiliary rib No. 6	all	1
25	274856–9	Cover – Flap track rib No. 6	all	1
26	274856–10	Cover – Flap track rib No. 6	all	2
27	274856–15L	Cover – Flap track rib No. 6	all	1
28	281723L	Installation – Aileron control bracket flap station 366.793 (NP)	all	1
29	2765	Gear Box (Vard Inc.) (669051) (See figure 112 for using assembly)	all	Ref
	251010L	Installation – Wing flap (See figure 2 for using assembly) (NP)	all	Ref
30	276687	Bolt	all	12
31	281159	Bolt – Wing flap carriage pivot	all	10
32	251011–2	Flap Assembly – Inner wing LH	all	5
	251011–3	Flap Assembly – Inner wing	all	5
33	251019–2	Rib – Wing flap internal	all	2
34	251019–3	Rib – Wing flap internal	all	2
35	251077L	Rib Assembly – Wing flap external	all	1
36	251077R	Rib Assembly – Wing flap external	all	1
37	251095	Rib Assembly – Wing flap false	all	2
38	251104	Rib – Wing flap internal nose	all	5
39	251105L	Rib – Wing flap outboard internal nose	all	1
40	251105R	Rib – Wing flap outboard internal nose	all	1
41	251106	Rib – Wing flap false nose	all	2
42	251107L	Rib – Wing flap external nose	all	1
43	251107R	Rib – Wing flap external nose	all	1
44	251476L	Fitting Assembly – Inner wing flap	all	1
45	251476R	Fitting Assembly – Inner wing flap	all	1
46	281158–2	Bushing – Wing flap pivot fitting lower	all	1
47	251571	Bushing – Wing flap fitting upper	all	1
48	281158–3	Bushing – Wing flap fitting lower	all	1
49	281157L	Plate Assembly – Flap pivot (Used on LH & RH outboard end)	all	1
50	281157R	Plate Assembly – Flap pivot (Used on LH & RH inboard end)	all	1
	281156	Bushing	all	1
51	251725L	Flap Assembly – Wing stub (See figure 36 for detailed illustration)	all	1
	276687	Bolt – Stub wing carriage pivot	all	2
52	273326L	Installation – Inner wing operating mechanism (NP) (See figure 2 for using assembly)	all	Ref

LH SHOWN. RH OPPOSITE EXCEPT AS NOTED.

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STRUCTURE

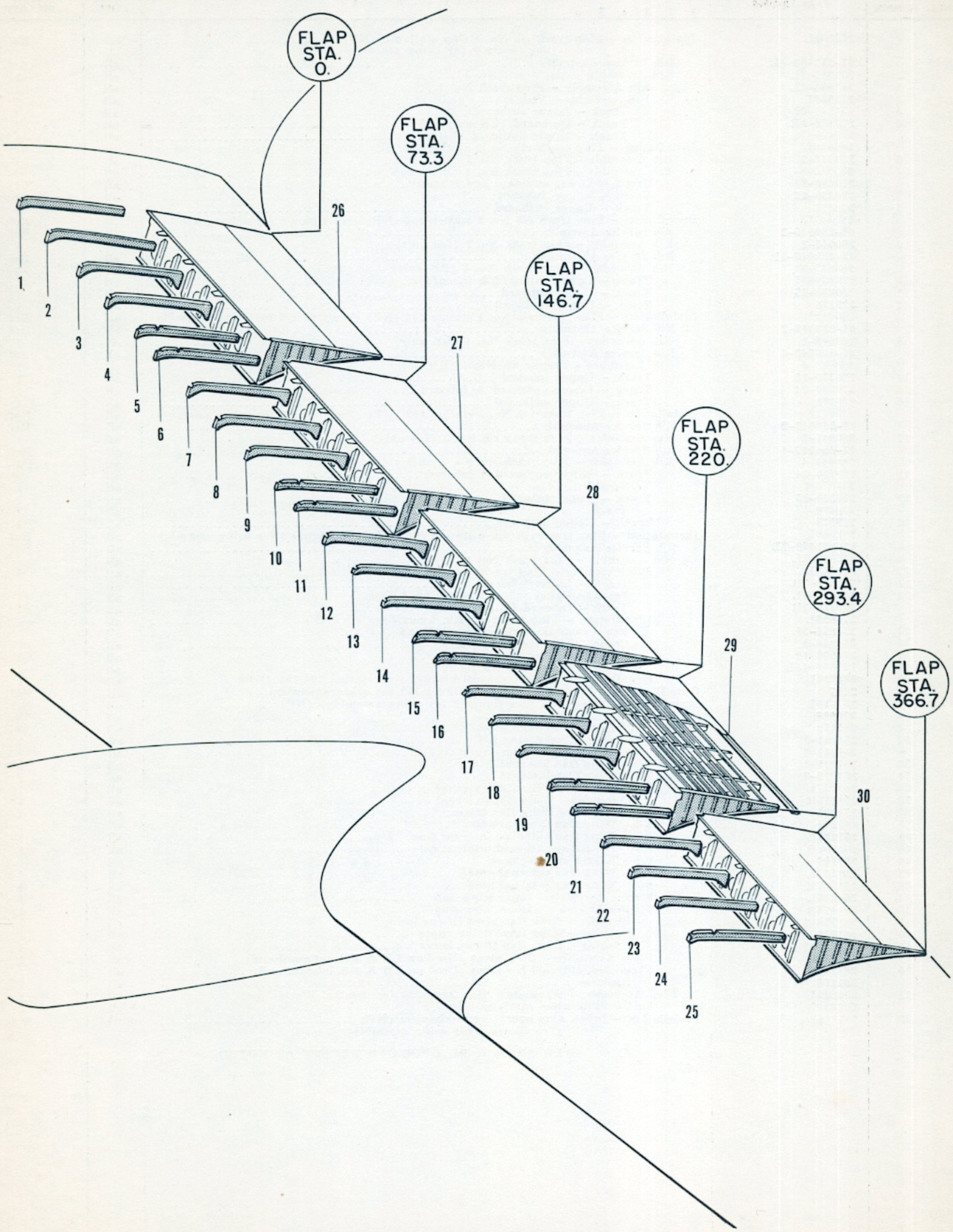

Figure 11 — Trailing Edge Formers

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
	251846L	Installation – Former, flap station 5.105 (NP)	all	1
11 – 1	252036L	Former	all	1
	271053L	Installation – Former, flap station 22.437 (NP)	all	1
2	271053-2L	Former	all	1
	251844-2L	Installation – Former, flap station 36.687 (NP)	all	1
3	252034-2L	Former	all	1
	251844-3L	Installation – Former, flap station 50.921 (NP)	all	1
4	252034-3L	Former	all	1
	252255-2L	Installation – Former, flap station 68.254 (NP)	all	1
5	252254-2L	Former	all	1
	252255-3L	Installation – Former, flap station 78.464 (Used on RH (NP)	all	1
6	252254-3L	Former (Used on RH)	all	1
	251844-4L	Installation – Former, flap station 96.671 (NP)	all	1
7	252034-4L	Former	all	1
	251844-5L	Installation – Former, flap station 110.046 (NP)	all	1
8	252034-5L	Former	all	1
	251844-6L	Installation – Former, flap station 124.280 (NP)	all	1
9	252034-6L	Former	all	1
	252255-4L	Installation –Former, flap station 141.613 (NP)	all	1
10	252254-4L	Former	all	1
	252255-5L	Installation – Former, flap station 151.822 (Used on RH) (NP)	all	1
11	252254-5L	Former (Used on RH)	all	1
	251844-7L	Installation – Former, flap station 169.155 (NP)	all	1
12	252034-7L	Former	all	1
	251844-8L	Installation – Former, flap station 183.405 (NP)	all	1
13	252034-8L	Former	all	1
	251844-9L	Installation – Former, flap station 197.639 (NP)	all	1
14	252034-9L	Former	all	1
	252255-6L	Installation – Former, flap 214.971 (NP)	all	1
15	252254-6L	Former	all	1
	252255-7L	Installation – Former, flap 225.181 (Used on RH (NP)	all	1
16	252254-7L	Former (Used on RH)	all	1
	251844-10L	Installation – Former, flap station 242.514 (NP)	all	1
17	252034-10L	Former	all	1
	251844-11L	Installation – Former, flap station 256.764 (NP)	all	1
18	252034-11L	Former	all	1
	251844-12L	Installation – Former, flap station 270.998 (NP)	all	1
19	252034-12L	Former	all	1
	252255-8L	Installation – Former, flap station 288.330 (NP)	all	1
20	252254-8L	Former	all	1
	252255-9L	Installation – Former, flap station 298.540 (Used on RH) (NP)	all	1
21	252254-9L	Former (Used on RH)	all	1
	251844-13L	Installation – Former, flap station 315.872 (NP)	all	1
22	252034-13L	Former	all	1
	251844-14L	Installation – Former, flap station 330.122 (NP)	all	1
23	252034-14L	Former	all	1
	251844-15L	Installation – Former, flap station 344.356 (NP)	all	1
24	252034-15L	Former	all	1
	252255-10L	Installation – Former, flap station 361.689 (NP)	all	1
25	252254-10L	Former	all	1
	251565L	Installation – Flap, station 5.052 to 73.359 – Trailing edge aft (NP)	all	1
26	251671L	Aft Assembly – Trailing edge	all	1
	251850L	Installation – Flap, station 73.359 to 146.717 (NP)	all	1
	01-252185L	Service Assembly – Inner wing flap sta. 73.359 to 146.717 aft	all	1
27	252185L	Aft Assembly – Trailing edge	all	Ref
	251849L	Installation – Flap, station 146.717 to 220.076 – Trailing edge (NP)	all	1
	01-252431L	Service Assembly – Inner wing flap station 146.717 to 220.076 trailing edge	all	Ref
28	252431L	Aft Assembly – Trailing edge	all	1
	252328L	Installation – Flap, station 220.076 to 293.435 – Trailing edge aft (NP)	all	1
	01-253398L	Service Assembly – Inner wing flap sta. 220.076 to 293.435 trailing edge	all	Ref
29	253398L	Aft Assembly – Trailing edge	all	1
	252327L	Installation – Flap, station 293.435 to 366.794 – Trailing edge aft (NP)	all	1
	01-253460L	Service Assembly – Inner wing flap sta. 293.435 to 366.794 trailing edge	all	Ref
30	253460L	Aft Assembly – Trailing edge	all	1

LH SHOWN, RH OPPOSITE EXCEPT AS NOTED.

STRUCTURE

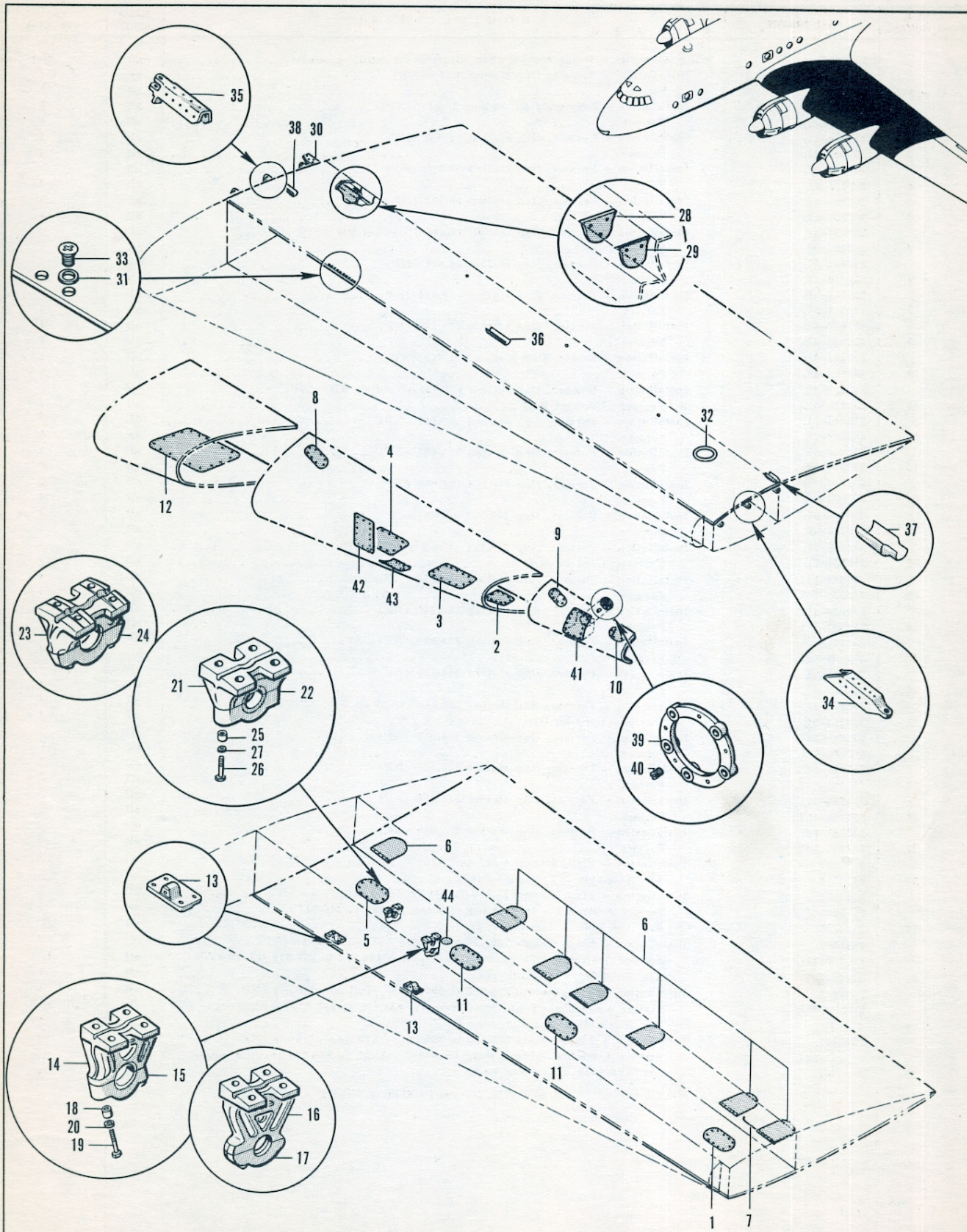

Figure 12 — Doors, Covers, and Fittings

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
	251000R	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
12 – 1	283690-97	Door Assembly – Lower skin manhole	all	1
2	266737-500L	Cover Assembly – Wing leading edge station 299-312	all	1
	266737-500R	Cover Assembly – Wing leading edge station 299-312	all	1
3	251000-77L	Cover Assembly – Wing leading edge station 263-287	a	1
	251000-77R	Cover Assembly – Wing leading edge station 263-287	a	1
	251747-500L	Cover Assembly – Wing leading edge station 263-287	b	1
	251747-500R	Cover Assembly – Wing leading edge station 263-287	b	1
4	251729-500L	Cover Assembly – Wing leading edge station 215-239	all	1
	251729-500R	Cover Assembly – Wing leading edge station 215-239	all	1
5	283690-84	Cover Assembly – Lower skin manhole	all	1
6	270581	Cover Assembly – Inner wing trailing edge manhole (7 Req. on LH, 8 req. on RH)	all	AR
7	264694-8	Pin – Hinge (7 Req. on LH, 8 req. on RH)	all	AR
8	286259-2L	Cover Assembly	bj	1
	286259-2R	Cover Assembly	bj	1
	290188-2L	Cover	bk	1
	290188-2R	Cover	bk	1
9	286259-3L	Cover Assembly	bj	1
	286259-3R	Cover Assembly	bj	1
	290188-3L	Cover	bk	1
	290188-3R	Cover	bk	1
10	286258	Cover Assembly – Inner wing outboard leading edge	all	1
11	283690-93	Door Assembly – Lower skin manhole	all	2
12	251000-75L	Cover Assembly – Inner wing leading edge inboard manhole, station 87-125	a	1
	251000-75R	Cover Assembly – Inner wing leading edge inboard manhole, station 87-125	a	1
	251867-500L	Cover Assembly – Inner wing leading edge inboard manhole, station 87-125	b	1
	251867-500R	Cover Assembly – Inner wing leading edge inboard manhole, station 87-125	b	1
	269167L	Installation – Bottom skin and stiffener	all	1
	269167R	Installation – Bottom skin and stiffener	all	1
13	281460	Fitting – Main landing gear	all	2
	271003L	Fitting Assembly – Wing station 191 main landing gear fulcrum	c	1
	271003R	Fitting Assembly – Wing station 191 main landing gear fulcrum	c	1
	286829L	Fitting Assembly – Wing station 191 main landing gear fulcrum	d	1
	286829R	Fitting Assembly – Wing station 191 main landing gear fulcrum	d	1
14	271003-2L	Fitting	c	1
	271003-2R	Fitting	c	1
15	271003-3	Cap	c	1
16	286829-2L	Fitting	d	1
	286829-2R	Fitting	d	1
17	286829-3	Cap	d	1
18	270941	Sleeve – Main landing gear fitting shear	all	2
19	270942-3	Screw – Main landing gear fitting cap	all	2
20	270943	Washer – Main landing gear	all	2
	271259L	Fitting Assembly – Wing station 145 main landing gear fulcrum	c	1
	271259R	Fitting Assembly – Wing station 145 main landing gear fulcrum	c	1
	286816L	Fitting Assembly – Wing station 145 main landing gear fulcrum	d	1
	286816R	Fitting Assembly – Wing station 145 main landing gear fulcrum	d	1
21	271259-3L	Fitting	c	1
	271259-3R	Fitting	c	1
22	271259-2	Cap	c	1
23	286816-3L	Fitting	d	1
	286816-3R	Fitting	d	1
24	286816-2	Cap	d	1
25	270941	Sleeve – Main landing gear fitting shear	all	2
26	270942-3	Screw – Main landing gear fitting cap	all	2
27	270943	Washer – Main landing gear	all	2
	269114L	Installation – Inner wing upper skin and corrugation	all	1
	269114R	Installation – Inner wing upper skin and corrugation	all	1
	285525	Seal Assembly – Inner wing corrugation cut-off	all	4
28	251633	Seal	all	2
29	285525-4	Plate Assembly	all	1
30	252821L	Plate – Wing station 80 rear upper splice	all	1
	252821R	Plate – Wing station 80 rear upper splice	all	1
31	253642	Washer – Special	all	41
32	254089-3	Washer – Filler well base	all	1
33	255734	Screw – Inner wing upper skin attaching short	all	41
	251080L	Corrugation Assembly	all	1
	251080R	Corrugation Assembly	all	1
34	251191	Fitting – Corrugation attachment station 458	all	12
35	251245	Fitting – Joint	all	17
36	269114-11	Seal – Inner wing upper skin and corrugation	all	1
37	269114-12	Seal – Inner wing upper skin and corrugation	all	3
38	269114-13	Seal – Inner wing upper skin and corrugation	all	2
	286000L	Installation – Inner wing leading edge outboard skin	all	1
	286000R	Installation – Inner wing leading edge outboard skin	all	1
	286000-2L	Skin Assembly – Inner wing leading edge outboard	all	1
	286000-2R	Skin Assembly – Inner wing leading edge outboard	all	1
	285940L	Well Assembly – Outboard oil tank quantity gauge	all	1
	285940R	Well Assembly – Outboard oil tank quantity gauge	all	1
	268531	Flange Assembly – Outboard oil tank gauge	all	1
39	268531-2	Flange	all	1
40	270459	Inlet – Quantity gauge flange	all	1
41	286000-9L	Cover	all	1
	286000-9R	Cover	all	1
	251682L	Installation – Leading edge center skin	all	1
	251682R	Installation – Leading edge center skin	all	1
	251682-13L	Leading Edge Assembly	all	1
	251682-13R	Leading Edge Assembly	all	1
	286356L	Seal – Wing station 238 lower corner	all	1
	286356R	Seal – Wing station 238 lower corner	all	1
42	251773	Door Assembly – Leading edge center skin	all	1
43	286176L	Cover – Leading edge center skin	all	1
	286176R	Cover – Leading edge center skin	all	1
44	283690-90	Cover Assembly	all	1

STRUCTURE

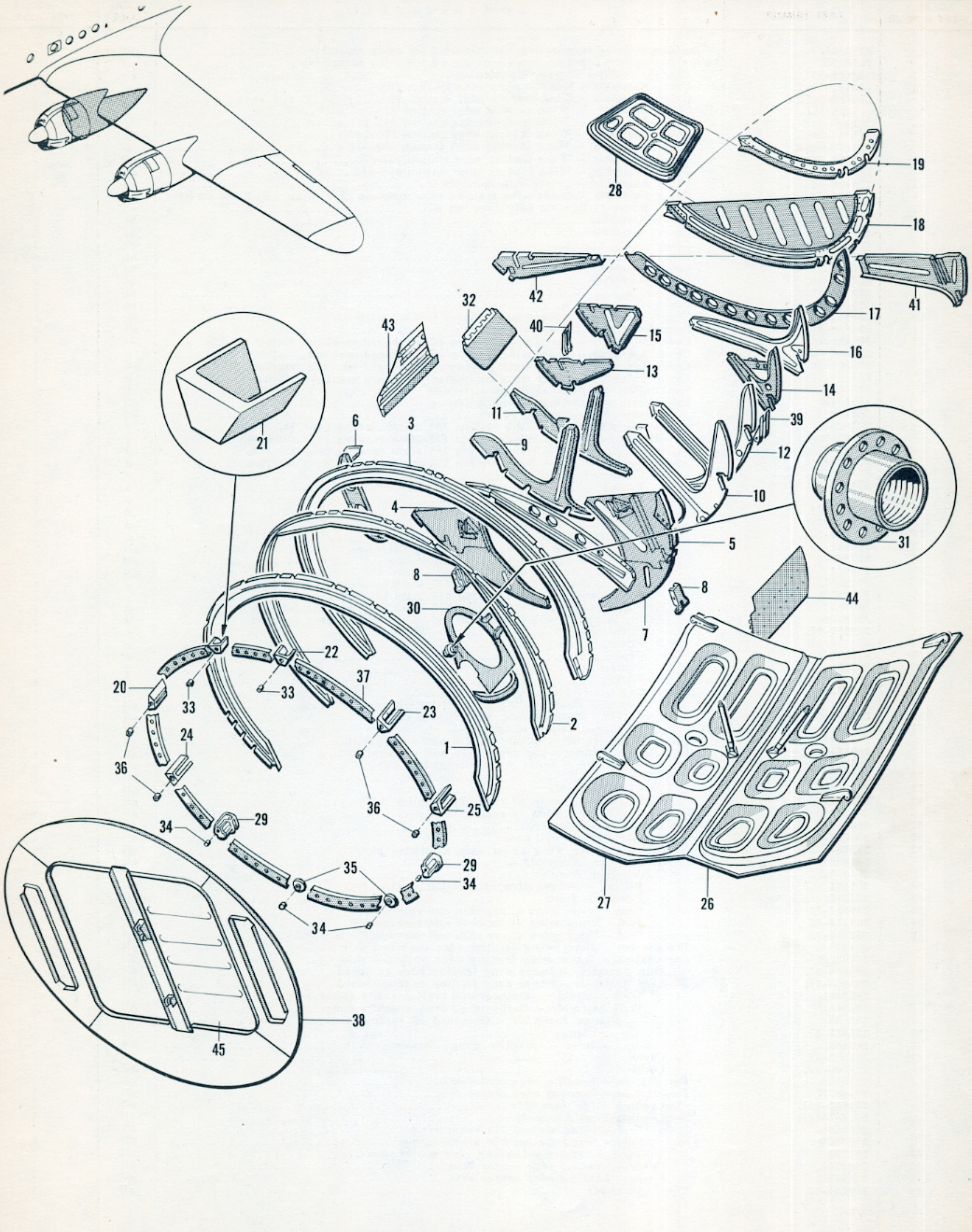

Figure 13 — Inboard Nacelles (Serial 2021-2030)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251853L	Installation – Inboard nacelle LH and RH (See figure 2 for using assembly)	c	Ref
	01–270621L	Service Assembly – Inboard nacelle structure	c	Ref
	03–270621L	Service Assembly – Inboard nacelle tail cone structure	c	Ref
	270621L	Structure Assembly – Inboard nacelle	c	1
	261608L	Installation – Bulkhead station 484.688	c	1
	01–261609L	Service Assembly – Inboard nacelle station 484$^{11}/_{16}$ bulkhead	c	Ref
13 – 1	261609L	Bulkhead Assembly	c	1
	261610L	Installation – Bulkhead nacelle fuselage station 500.875	c	1
	01–261611L	Service Assembly – Inboard nacelle fuselage station 500⅞ bulkhead	c	Ref
2	261611L	Bulkhead Assembly	c	1
	261612L	Installation – Bulkhead inboard nacelle fuselage	c	1
	01–261613L	Service Assembly – Inboard nacelle fuselage station 512⅞ bulkhead	c	Ref
3	261613L	Bulkhead Assembly	c	1
	01–282448–3L	Service Assembly – Inboard nacelle fuselage station 527 bulkhead	c	Ref
4	282448–3L	Bulkhead Assembly – Fuselage station 527	c	1
	01–282448–2L	Service Assembly – Inboard nacelle fuselage station 527 bulkhead	c	Ref
5	282448–2L	Bulkhead Assembly – Fuselage station 527	c	1
	277742	Bag Assembly – Landing gear downlock pin stowage (See figure 14 for detailed illustration)	c	1
6	252078–3R	Bulkhead Assembly – Station 513.527 (Used on LH only)	c	1
7	252078–2L	Bulkhead Assembly – Station 513.527	c	1
8	281461L	Fitting Assembly – Main landing gear forward door aft hinge (See figure 17 & 18 for detailed illustration) (Used on both LH & RH)	c	2
9	252158L	Bulkhead Assembly – Station 539 inboard	c	1
10	252159L	Bulkhead Assembly – Station 539 outboard	c	1
11	252160L	Bulkhead Assembly – Station 551 inboard	c	1
12	252161L	Bulkhead Assembly – Station 551	c	1
13	252162L	Bulkhead Assembly – Station 562.125	c	1
	01–252163L	Service Assembly – Inboard nacelle fuselage station 562⅛ bulkhead	c	Ref
14	252163L	Bulkhead Assembly – Station 562.125	c	1
15	252164L	Bulkhead Assembly – Station 575 inboard	c	1
16	252165L	Bulkhead Assembly – Station 575 outboard	c	1
17	252173L	Bulkhead Assembly – Station 589.93 canted	c	1
18	252169L	Bulkhead Assembly – Station 605.625	c	1
19	252170L	Bulkhead Assembly – Station 622.522	c	1
	261217L	Installation – Upper inboard engine mount stringer	c	1
20	255987–4	Fitting – Engine mount firewall	c	1
	261749L	Installation – Top inboard engine mount stringer	c	1
21	255987–2	Fitting – Engine mount firewall	c	1
	255974L	Installation – Top outboard engine mount stringer	c	1
22	255987–2	Fitting – Engine mount firewall	c	1
	261274L	Installation – Upper outboard engine stringer	c	1
23	255987–4	Fitting – Engine mount firewall	c	1
	255946–2L	Installation – Engine lower stringer	c	1
24	255987–4	Fitting – Engine mount firewall	c	1
	255946–3R	Installation – Engine mount firewall (Used on LH only)	c	1
25	255987–4	Fitting – Engine mount firewall	c	1
	185528L	Service Assembly – Inboard nacelle landing gear aft door	c	Ref
	185528R	Service Assembly – Inboard nacelle landing gear aft door	c	Ref
26	290482–2L	Door Assembly – Inboard nacelle landing gear aft (Req. on both LH & RH) (See figure 17 for detailed illustration) (Replaces 261154L for spares purposes per service instruction 49/SI–44)	c	1
27	290482–2R	Door Assembly – Inboard nacelle landing gear aft (Req. on both LH & RH) (See figure 17 for detailed illustration) (Replaces 261154R for spares purposes per service instruction 49/SI–44)	c	1
28	252972L	Door Assembly – Flap track access	c	1
29	280689L	Bracket Assembly – Main landing gear forward door support & engine mount (Used on LH & RH)	c	1
	280689R	Bracket Assembly – Main landing gear forward door support & engine mount (Used on LH & RH)	c	1
30	254502–2L	Housing Assembly – Oil tank hopper	c	1
31	270621–2	Connector	c	1
32	264190L	Door Assembly – Fuel strainer access.	c	1
33	262552	Bushing – Nacelle top engine	c	2
34	262407–3	Bushing – Engine mount	c	4
35	262621	Fitting – Lower beam inboard	c	2
36	255979	Bushing – Nacelle firewall	c	4
	276690–2	Installation – Firewall ring (Used on LH only)	c	1
	276690–3	Installation – Firewall ring (Used on RH only)	c	1
	02–271783–3L	Service Assembly – Inboard nacelle firewall ring	c	Ref
37	271783–3L	Ring Assembly – Nacelle firewall	c	1
	276179–2	Installation – Inboard nacelle firewall LH	c	1
38	276179–4	Firewall Assembly – Inboard nacelle (See figure 103 for detailed illustration)	c	1
			c	1
	276179–3	Installation – Inboard nacelle firewall RH		
	276179–5	Firewall Assembly – Inboard nacelle (See figure 103 for detailed illustration)	c	1
			c	1
	288253	Installation – Bracket aft landing gear door forward hinge (NP)		
39	288253–2L	Bracket Assembly – Aft landing gear door forward hinge	c	1
40	288253–2R	Bracket Assembly – Aft landing gear door forward hinge	c	1
	284162	Bushing	c	2
41	252167L	Bulkhead Assembly – Station 589.188 outboard	c	1
42	252166L	Bulkhead Assembly – Station 589.188 inboard	c	1
	283437L	Installation – Inboard side inboard nacelle flame shield (NP)	c	1
	283437–13L	Shield Assembly – Flame	c	1
43	283437–7L	Shield – Flame	c	1
	283438L	Installation – Outboard side inboard nacelle flame shield (NP)	c	1
	283438–8L	Shield Assembly – Flame	c	1
44	283438–11L	Shield – Flame	c	1
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	c	Ref
45	255996	Door Assembly – Firewall	c	1

LH SHOWN, RH OPPOSITE.

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STRUCTURE

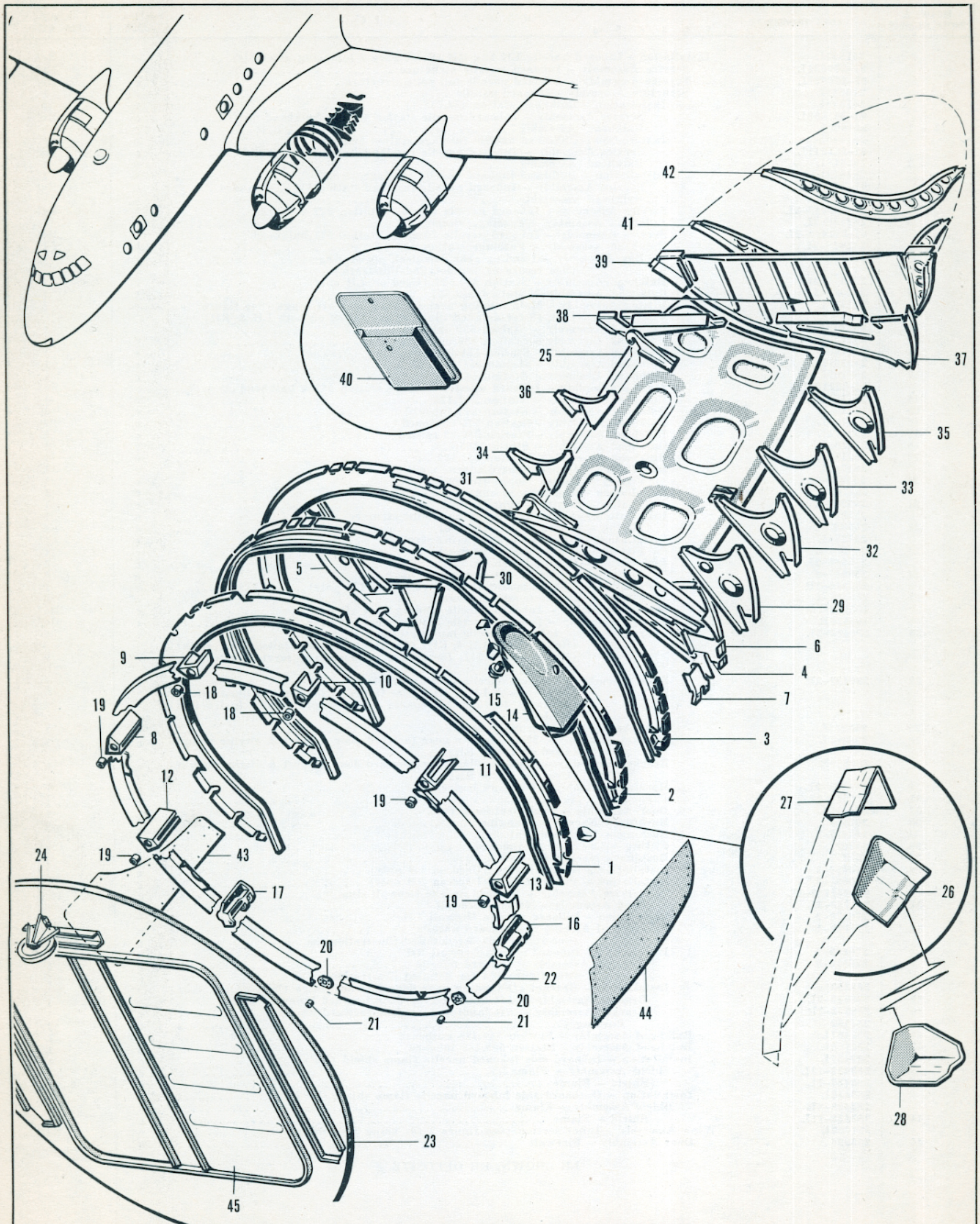

Figure 14 — Inboard Nacelles (Serial 2031-2088)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	280967L	Inboard Nacelle – Installation LH and RH (See figure 2 for using assembly)	d	Ref
	01-281201L	Service Assembly – Inboard nacelle structure	d	Ref
	281201L	Structure Assembly – Inboard nacelle	d	1
	261608L	Installation – Bulkhead station 484.687	d	1
	01-261609L	Service Assembly – Inboard nacelle fuselage station $484\frac{11}{16}$ bulkhead	d	Ref
14 – 1	261609L	Bulkhead Assembly	d	1
	261610L	Installation – Bulkhead inboard nacelle fuselage station 500.875	d	1
	01-261611L	Service Assembly – Inboard nacelle fuselage station $500\frac{7}{8}$ bulkhead	d	Ref
2	261611L	Bulkhead Assembly	d	1
	261612L	Installation – Bulkhead inboard nacelle fuselage station 512.875	d	1
	01-261613L	Service Assembly – Inboard nacelle fuselage station $512\frac{7}{8}$ bulkhead	d	Ref
3	261613L	Bulkhead Assembly	d	1
4	252078-2L	Bulkhead Assembly – Station 513.527	d	1
5	252078-3R	Bulkhead Assembly – Station 513.527 (Used on LH only)	d	1
6	281092-18L	Bulkhead Assembly – Station 527.445	d	1
7	281461L	Fitting Assembly – Main landing gear forward door aft hinge (LH and RH)	d	2
	281461R	Fitting Assembly – Main landing gear forward door aft hinge (LH and RH)	d	2
	261217L	Installation – Upper inboard engine mount stringer	d	1
8	255987-4	Fitting – Engine mount firewall	d	1
	261749L	Installation – Inboard top engine mount stringer	d	1
9	255987-2	Fitting – Engine mount firewall	d	1
	255974L	Installation – Top outboard engine mount stringer	d	1
10	255987-2	Fitting – Engine mount firewall	d	1
	261274L	Installation – Upper outboard stringer	d	1
11	255987-4	Fitting – Engine mount firewall	d	1
	255946-2L	Installation – Engine lower stringer	d	1
12	255987-4	Fitting – Engine mount firewall	d	1
	255946-3L	Installation – Engine mount firewall	d	1
13	255987-4	Fitting – Engine mount firewall	d	1
14	254502-2L	Housing Assembly – Oil tank hopper	d	1
15	270621-2	Connector	d	1
16	280689L	Bracket Assembly – Main landing gear forward door support & engine mount	d	2
17	280689R	Bracket Assembly – Main landing gear forward door support & engine mount	d	2
18	262552	Bushing – Nacelle top engine	d	2
19	262407-3	Bushing – Engine mount	d	4
20	262621	Fitting – Lower beam inboard	d	2
21	255979	Bushing – Nacelle firewall	d	4
	276690-2	Installation – Firewall ring (Used on LH only)	d	1
	276690-3	Installation – Firewall ring (Used on RH)	d	1
	02-271783-3R	Service Assembly – Inboard nacelle firewall ring	d	Ref
22	271783-3R	Ring Assembly – Nacelle firewall	d	1
	276179-2	Installation – Inboard nacelle firewall LH	d	1
23	276179-4	Firewall Assembly – Inboard nacelle LH	d	1
		(See figure 103 for detailed illustration)		
	276179-3	Installation – Inboard nacelle firewall RH	d	1
	276179-5	Firewall Assembly – Inboard nacelle RH	d	1
		(See figure 103 for detailed illustration)		
24	261556-2	Bracket Assembly – Two-speed supercharger control pulley	d	1
25	281817-8	Door Assembly – Inboard nacelle landing aft (See figure 18 for detailed illust.)	gg	1
		(Replaces 281817L door for spares purposes per 49/SI-82)		
	281817-9	Door Assembly – Inboard nacelle landing aft (See figure 18 for detailed illust.)	gg	1
		(Replaces 281817R door for spares purposes per 49/SI-82)		
	262528L	Installation – Wing station 189.281 leading edge former	d	1
26	284693L	Seal	d	1
27	284694L	Seal – Lower corner	d	1
28	284691L	Seal – Inboard oil tank lower corner	d	1
29	281093L	Bulkhead – Fuselage station 539	d	1
30	281094-2L	Bulkhead – Fuselage station 539	d	1
31	281095-2L	Bulkhead – Fuselage station 551	d	1
32	281096L	Bulkhead – Fuselage station 551	d	1
33	281097-8L	Bulkhead – Fuselage station 562.12	d	1
34	281098L	Bulkhead – Fuselage station 562.12	d	1
35	281099-2L	Bulkhead – Fuselage station 575	d	1
36	281100L	Bulkhead – Fuselage station 575	d	1
37	281912-2L	Installation – Control bulkhead fuselage station 588.7	d	1
38	281912-3L	Installation – Control bulkhead fuselage station 588.7	d	1
	281124-2L	Cone Assembly – Inboard nacelle tail	d	1
39	281124-7L	Bulkhead Assembly – Fuseage station 601.625	d	1
40	277742-2	Bag Assembly – Landing gear downlock pin stowage	d	1
41	281124-10L	Rib – Fuselage station 609	d	1
42	281124-11L	Rib – Fuselage station 609.625	d	1
	283437L	Installation – Inboard side inboard nacelle flame shield (NP)	d	1
	283437-13L	Shield Assembly – Flame	d	1
43	283437-7L	Shield – Flame	d	1
	283438L	Installation – Outboard side inboard nacelle flame shield (NP)	d	1
	283438-8L	Shield Assembly – Flame	d	1
44	283438-11L	Shield – Flame	d	1
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	d	Ref
45	255996	Door Assembly – Firewall	fh	1
	295249	Door Assembly – Firewall (See figure 1 for using assembly)	sss	Ref

LH SHOWN. RH OPPOSITE.

STRUCTURE

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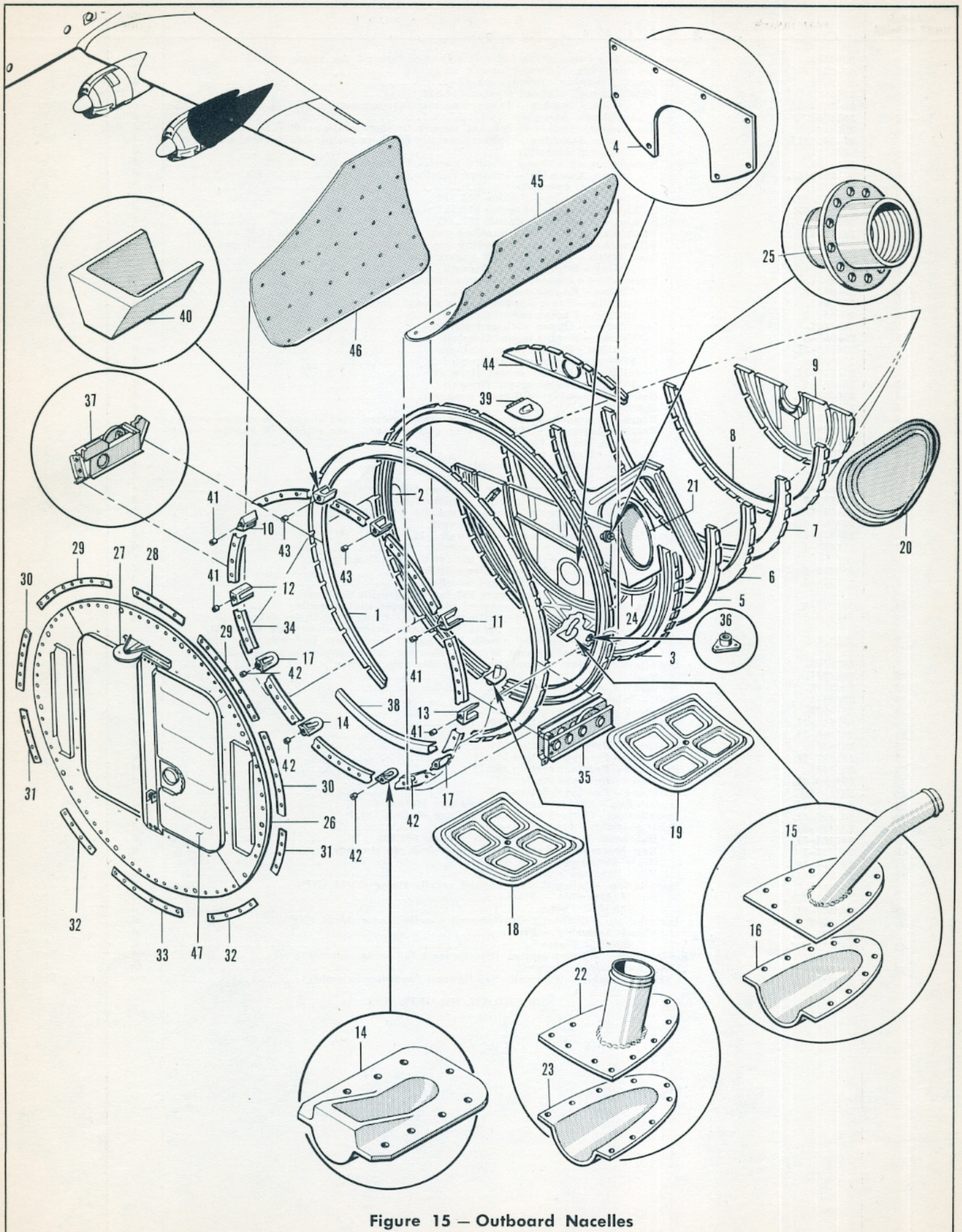

Figure 15 — Outboard Nacelles

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251789L	Installation – Outboard nacelle (See figure 2 for using assembly)	all	Ref
	02-269315-2L	Service Assembly – Outboard nacelle	all	Ref
	269315-2L	Structure Assembly – Outboard nacelle	all	1
	262229L	Installation – Outboard nacelle station 499 bulkhead	all	1
	01-262376L	Service Assembly – Outboard nacelle bulkhead	all	Ref
15 – 1	262376L	Bulkhead Assembly	all	1
	262230L	Installation – Outboard nacelle station 513.3 bulkhead	all	1
	01-262377L	Service Assembly – Outboard nacelle station 513.3 bulkhead	all	Ref
2	262377L	Bulkhead Assembly	all	1
	262231L	Installation – Outboard nacelle station 527.413 bulkhead	all	1
	01-262379L	Service Assembly – Outboard nacelle bulkhead	all	Ref
3	262379L	Bulkhead Assembly	all	1
	279026-18	Installation – Fire bulkhead LH	all	1
	279387-14	Installation – Fire bulkhead RH	all	1
4	279026-19	Door Assembly	all	1
5	251208L	Bulkhead Assembly – Outboard nacelle station 538.5	all	1
6	251319L	Bulkhead Assembly – Outboard nacelle station 549.2	all	1
7	251209L	Bulkhead Assembly – Outboard nacelle station 560.1	all	1
8	251210L	Bulkhead Assembly – Outboard nacelle station 574.35	all	1
9	251211L	Bulkhead Assembly – Outboard nacelle sloping	all	1
	262219L	Installation – Upper inboard engine mount stringer	all	1
10	255987-5	Fitting – Engine mount firewall	all	1
	262217L	Installation – Upper outboard engine mount stringer	all	1
11	255987-5	Fitting – Engine mount firewall	all	1
	262223L	Installation – Lower inboard engine mount stringer	all	1
12	255987-5	Fitting – Engine mount firewall	all	1
	262221L	Installation – Lower outboard engine	all	1
13	255987-5	Fitting – Engine mount firewall	all	1
	262227L	Installation – Bottom engine mount stringer	all	1
14	261324	Fitting – Engine mount brace tube attaching	all	1
	279499	Installation – Air intake Stewart Warner heater	all	1
15	279499-2	Inlet Assembly	all	1
16	261334	Scoop – Supercharger blast tube	all	1
	262517	Installation – Engine mount brace tube fitting	all	1
17	261324	Fitting – Engine mount brace tube attaching	all	1
18	251368	Door Assembly – Outboard nacelle forward	all	1
19	251754	Door Assembly – Outboard nacelle aft	all	1
20	252766	Door Assembly – Outboard nacelle flap track	dd	1
	252766-500	Door Assembly – Outboard nacelle flap track	gg	1
21	284630-2	Flange – Outboard nacelle	d	1
22	261327	Tube Assembly – Supercharger blast tube scoop	all	1
23	261334	Scoop – Supercharger blast tube	all	1
24	254502-3L	Housing Assembly – Oil tank hopper	all	1
25	270621-2	Connector	all	1
	279343-2	Installation – Outboard nacelle firewall (Used on LH)	all	1
	279343-3	Installation – Outboard nacelle firewall (Used on RH)	all	1
26	279343-4	Firewall Assembly (Used on LH)	all	1
	279343-5	Firewall Assembly (Used on RH)	all	1
27	261556-3	Bracket Assembly – 2 Speed pulley	all	1
28	261758-2	Spacer – Firewall ring	all	1
29	261758-3	Spacer – Firewall ring	all	2
30	261758-4	Spacer – Firewall ring	all	2
31	261758-5	Spacer – Firewall ring	all	2
32	261758-7	Spacer – Firewall ring	all	2
33	261758-8	Spacer – Firewall ring	all	1
	276689L	Installation – Outboard nacelle firewall	all	1
	01-271783-3L	Service Assembly – Nacelle firewall ring	all	Ref
34	271783-3L	Ring Assembly – Nacelle firewall	all	1
	262318	Installation – Left outboard engine oil shut-off control bracket (LH only)	d	1
35	262488	Bracket Assembly	all	1
36	262667	Flange – Drain tube	gg	1
37	271795	Installation – RH outboard oil shut-off control station 487–499 (RH only)	all	1
	271795-2	Bracket Assembly	all	1
	262535	Installation – Outboard nacelle fuselage station 492.375 bulkhead (NP)	all	1
38	262536	Bulkhead – Outboard nacelle fuselage station 492.375	all	1
	262432	Installation – Supercharger & throttle control outboard nacelle bracket (NP)	all	1
	262450	Bracket Assembly – Supercharger & throttle control outboard nacelle	all	1
	280920	Installation – Outboard nacelle fuel shut-off bracket (NP)	all	1
	280920-2	Bracket Assembly – Outboard nacelle fuel shut-off	all	1
	262824	Installation – Right outboard oil shut-off control bracket fuselage station 513.3–527.413 (NP)	all	1
	263019	Bracket Assembly – Right outboard oil shut-off control	all	1
	262319	Installation – Left outboard hydraulic shut-off control brackets (NP)	all	1
	262646	Bracket Assembly – Left outboard hydraulic shut-off control	all	1
	LS584-11	Bolt – LH oil shut-off control pulley attaching	all	1
	280462L	Pulley Assembly – LH Oil shut-off control	all	1
	262649	Bracket Assembly	all	1
	271331	Bracket Assembly	all	1
	269315-3L	Panel Assembly	all	1
	263134L	Installation – Anti-icer tank access door	all	1
39	262942	Door Assembly	all	1
	262225L	Installation – Outboard nacelle top engine mount intercostal (Used on LH & RH)	all	1
	262225R	Installation – Outboard nacelle top engine mount intercostal (Used on LH & RH)	all	1
	261548L	Door – Engine mount aft bolt access	all	1
	261548R	Door – Engine mount aft bolt access	all	1
40	255987-6	Fitting – Engine mount firewall	all	1
41	255979	Bushing – Nacelle firewall	all	4
42	262407-3	Bushing – Engine mount firewall	all	4
43	262552	Bushing – Nacelle top engine mount fitting	all	2
44	262378L	Bulkhead Assembly – Station 527.536 upper	all	1
	283439L	Installation – Outboard side outboard nacelle flame shield (NP)	all	1
45	283439-2L	Shield Assembly – Flame	all	1
	283440L	Installation – Inboard side outboard nacelle flame shield (NP)	all	1
46	283440-2L	Shield Assembly – Flame	all	1
	251000L	Wing Assembly – Inner section (See figure 2 for using assembly)	all	Ref
47	255995	Door Assembly – Outboard firewall	fh	2
	295250	Door Assembly – Outboard nacelle firewall (See figure 1 for using assembly)	sss	Ref

LH SHOWN, RH OPPOSITE.

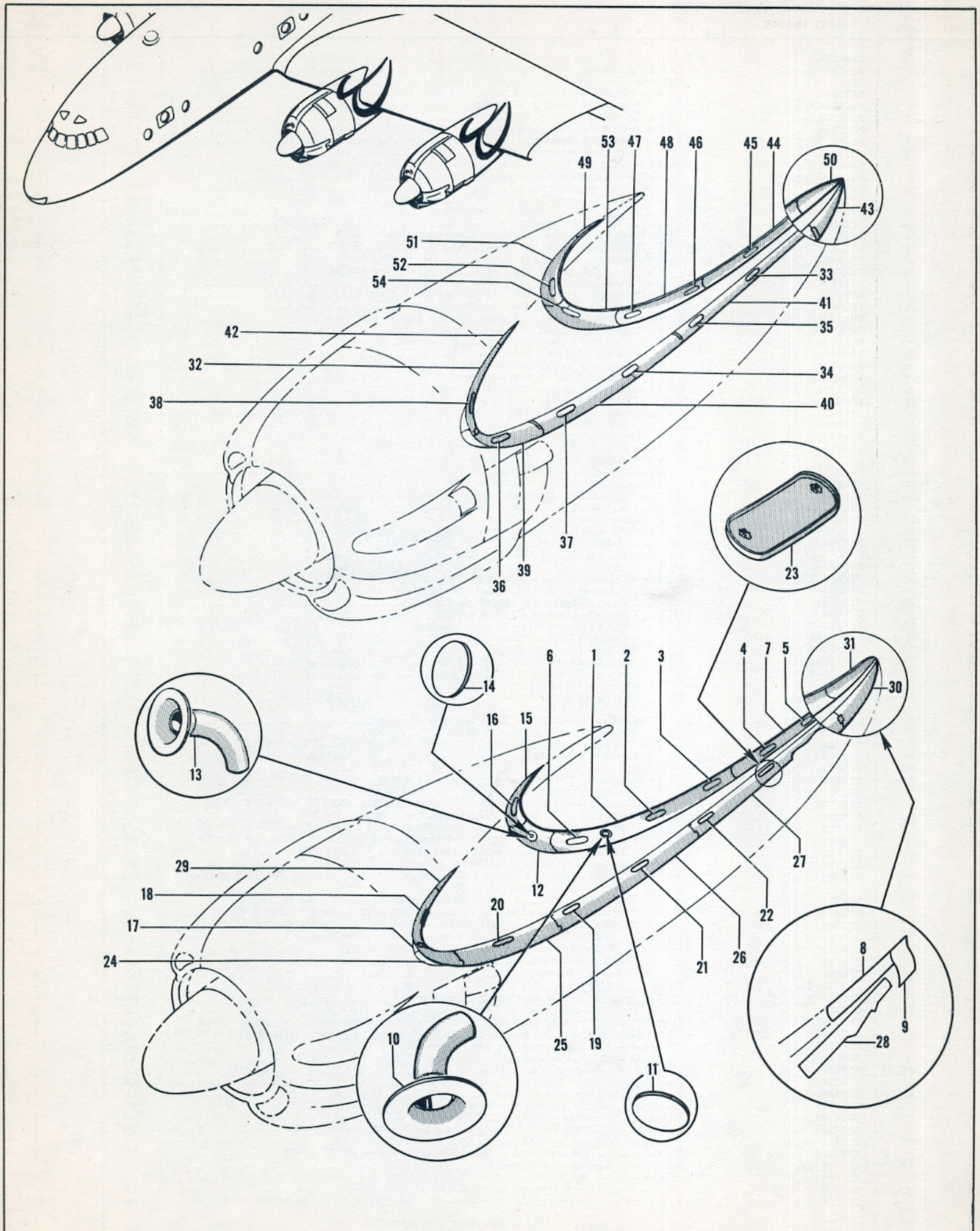

Figure 16 — Nacelle Fillets

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FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251734L	Installation – Inboard nacelle fillets (See figure 2 for using assembly)	c	Ref
	281696L	Installation – Inboard nacelle fillets (See figure 2 for using assembly)	d	Ref
	253753L	Fillet Assembly	c	1
	281696-2L	Fillet Assembly	d	1
16 – 1	253753-3L	Fillet	all	1
2	270714-5L	Door Assembly	dd	1
	285807-8L	Door Assembly	gg	1
3	270714-4L	Door Assembly	dd	1
	285807-6L	Door Assembly	gg	1
4	270714-3L	Door Assembly	c	1
5	270714-2L	Door Assembly	c	1
6	270714-6L	Door Assembly	dd	1
	285807-10L	Door Assembly	gg	1
7	253753-4L	Fillet	c	1
8	281696-4L	Fillet	d	1
9	281696-5L	Fillet	d	1
10	265226	Vent Assembly (Used on 251734R on inboard side of inboard nacelle RH only)	c	1
11	281696-9	Plate (Used on 281696 on inboard side of inboard nacelle RH only)	d	1
	282828L	Installation – Inboard nacelle fillet removable section	all	1
	282828-7L	Fillet Assembly	all	1
12	282828-4L	Fillet	all	1
13	270961	Vent Assembly (Used on 282828-7L only)	jj	1
14	282828-12	Plate	ii	1
	282828-10L	Fillet Assembly	all	1
15	282828-3L	Fillet	all	1
16	270714-8L	Door Assembly	dd	1
	285807-12L	Door Assembly	gg	1
	01-281696-3L	Service Assembly – Nacelle fillet	all	Ref
	02-281696-3L	Service Assembly – Nacelle fillet	all	Ref
	253754L	Fillet Assembly	c	1
	281696-3L	Fillet Assembly	d	1
17	253754-2L	Fillet	all	1
18	270714-7L	Door Assembly	dd	1
	285807-3L	Door Assembly	gg	1
19	270714-12L	Door Assembly	dd	1
	285807-17L	Door Assembly (Component of 01-281696-3 service assembly)	gg	1
20	270714-13L	Door Assembly	dd	1
	285807-19L	Door Assembly (Component of 02-281696-3 service assembly)	gg	1
21	270714-11L	Door Assembly	dd	1
	285807-15L	Door Assembly (Component of 01-281696-3 service assembly)	gg	1
22	270714-10L	Door Assembly	c	1
23	270714-9L	Door Assembly	c	1
24	253754-3L	Fillet	all	1
25	253754-14L	Fillet (Component of 02-281696-3 service assembly)	all	1
26	253754-4L	Fillet (Component of 01-281696-3 service assembly)	all	1
27	253754-5L	Fillet	c	1
28	281696-6L	Fllet (Component of 01-291696-3 service assembly)	d	1
29	270727	Fillet Assembly	all	1
	271001L	Fillet Assembly	c	1
30	271001-2L	Fillet	c	1
	271002L	Fillet Assembly	c	1
31	271002-2L	Fillet	c	1
	251736L	Installation – Outboard nacelle fillet (See figure 2 for using assembly)	all	Ref
	01-253740L	Service Assembly – Nacelle fillet	all	Ref
	02-253740L	Service Assembly – Nacelle fillet	all	Ref
	03-253740L	Service Assembly – Nacelle fillet	all	Ref
	253740L	Fillet Assembly	all	1
32	253740-2L	Fillet (Component of 01-253740L service assembly)	all	1
33	270713-7L	Door Assembly	dd	1
	283117-15L	Door Assembly (Component of 02-253740L service assembly)	gg	1
34	270713-8L	Door Assembly	dd	1
	283117-11L	Door Assembly (Component of 03-253740L service assembly)	gg	1
35	270713-9L	Door Assembly	dd	1
	283117-13L	Door Assembly (Component of 02-253740L service assembly)	gg	1
36	270713-10L	Door Assembly	dd	1
	283117-7L	Door Assembly (Component of 01-253740L service assembly)	gg	1
37	270713-11L	Door Assembly	dd	1
	283117-9L	Door Assembly (Component of 03-253740L service assembly)	gg	1
38	270713-12L	Door Assembly	dd	1
	283117-5L	Door Assembly (Component of 01-253740L service assembly)	gg	1
39	253740-3L	Fillet (Component of 01-253740L service assembly)	all	1
40	253740-4L	Fillet (Component of 03-253740L service assembly)	all	1
41	253740-5L	Fillet (Component of 02-253740L service assembly)	all	1
	270728L	Fillet Assembly	all	1
42	270728-2L	Fillet	all	1
	270945L	Fillet Assembly	all	1
43	270945-2L	Fillet	all	1
	253741L	Fillet Assembly	all	1
44	253741-5L	Fillet	all	1
45	270713-2L	Door Assembly	dd	1
	283117-30L	Door Assembly	gg	1
46	270713-3L	Door Assembly	dd	1
	283117-28L	Door Assembly	gg	1
47	270713-4L	Door Assembly	dd	1
	283117-26L	Door Assembly	gg	1
48	253741-4L	Fillet	all	1
	01-270729L	Service Assembly – Nacelle fillet	all	Ref
49	270729L	Fillet (Component of 01-270729L service assembly)	all	1
	270944L	Fillet Assembly	all	1
50	270944-2L	Fillet	all	1
	282829L	Installation – Outboard nacelle fillet removable section	all	1
	282829-2L	Fillet Assembly	all	1
51	282829-6L	Fillet	all	1
52	270713-6L	Door Assembly	dd	1
	283117-22L	Door Assembly	gg	1
	282829-3L	Fillet Assembly	all	1
53	282829-7L	Fillet	all	1
54	270713-5L	Door Assembly	dd	1
	283117-24L	Door Assembly	gg	1

LH SHOWN, RH OPPOSITE EXCEPT AS NOTED.

STRUCTURE

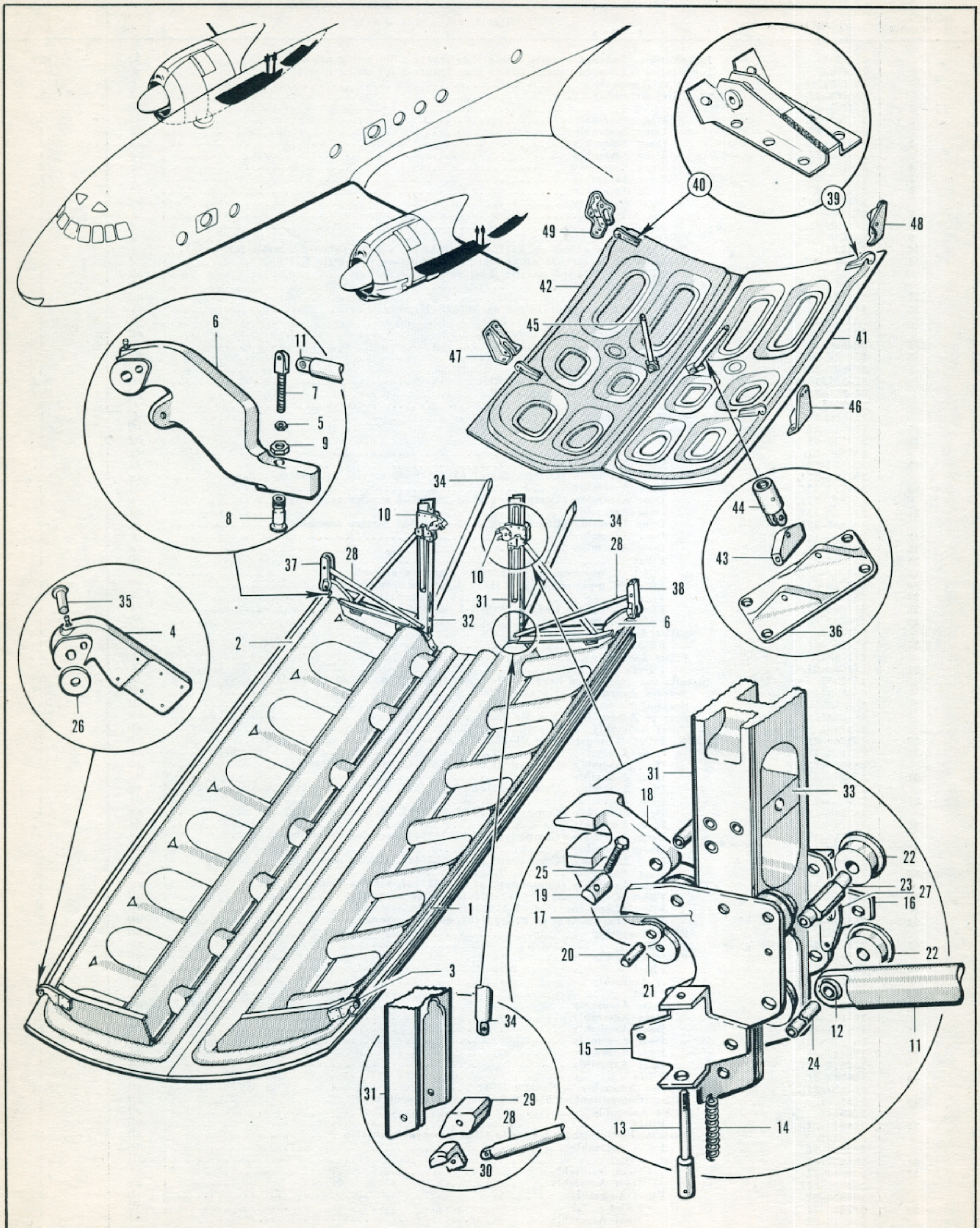

Figure 17 — M.L.G. Doors and Mechanism (Serial 2021-2030)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	281238L	Installation – Main landing gear door single actuating mechanism (See figure 2 for using asembly)	all	Ref
	281238R	Installation – Main landing gear door single actuating mechanism (See figure 2 for using assembly)	all	Ref
17 – 1	281414–7L	Door Assembly – Inboard nacelle landing gear	c	1
2	281414–7R	Door Assembly – Inboard nacelle landing gear	c	1
3	281811–54L	Hinge Assembly – Main landing gear door	c	1
4	281811–54R	Hinge Assembly – Main landing gear door	c	1
	281811–52	Bushing – Door hinge	c	1
	281812–52	Washer – Door Hinge	c	1
	B610X0H	Bearing – Needle (Torrington)	c	1
	281811–53L	Hinge – Door	c	1
5	AN316–8R	Nut – Aircraft Check	c	2
6	281812–54L	Hinge Assembly – Main landing gear door	c	1
	281812–54R	Hinge Assembly – Main landing gear door	c	1
	281812–52	Washer – Door Hinge	c	1
	B610X0H	Bearing – Needle (Torrington)	c	2
	281811–53R	Hinge – Door	c	1
7	281920	Fitting – Main landing gear door	c	2
8	281921	Sleeve – Mechanism adjustment	c	2
9	282317	Nut – Mechanism hinge	c	2
10	280957	Carriage Assembly – Main landing gear	c	2
11	280960	Link Assembly – Main landing gear door mechanism	c	2
12	280956	Ball – Door link spherical	c	2
	NAS2–101	Fitting	c	2
13	281846	Pin – Spring	c	2
14	282854–9	Spring – Link (California Spring Co.)	c	1
15	281847L	Channel – Spring support	c	1
16	281847R	Channel – Spring support	c	2
17	280963	Plate – Main landing gear door mechanism carriage	c	2
	280958	Latch Assembly – Main landing gear door mechanism	c	1
18	280958–2	Latch	c	1
19	280959	Stop – Latch	c	1
20	281072	Pin – Latch roller	c	1
21	281071	Roller – Latch	c	1
22	280965	Roller – Carriage	c	8
23	281454	Spacer – Adjustment	c	2
24	281457	Spacer – Link adjustment	c	2
25	255509	Screw – adjustment	c	2
26	279718–2	Washer	c	4
27	281677	Plate – Adjustment lock	c	4
28	281463	Strut Assembly – Main landing gear door mechanism track side	c	4
29	281886	Bumper Assembly – Main landing gear forward door aft	c	2
30	281456	Angle – Carriage stop	c	4
31	280961–2	Track Assembly – Main landing gear door mechanism	c	1
32	280961–3	Track Assembly – Main landing gear door mechanism	c	1
33	280962	Block – Door mechanism detention	c	1
34	281462	Strut – Door mechanism track aft	c	2
35	282247	Pin – Main landing gear forward door hinge	c	4
	270621L	Structure Assembly – Inboard nacelle (See figure 13 for using assembly)	c	Ref
	270621R	Structure Assembly – Inboard nacelle (See figure 13 for using assembly)	c	Ref
36	262795	Bracket – Inboard nacelle landing gear aft door	c	1
37	281461L	Fitting Assembly – Main landing gear forward door aft hinge (See figure 13)	c	Ref
38	281461R	Fitting Assembly – Main landing gear forward door aft hinge (See figure 13)	c	Ref
	270435	Bushing – Hinge	c	2
	288253L	Installation – Bracket, aft landing gear door forward hinge (Used on LH and RH)	c	1
	288253R	Installation – Bracket, aft landing gear door forward hinge (Used on LH and RH)	c	1
39	288253–2L	Bracket Assembly	c	1
40	288253–2R	Bracket Assembly	c	1
	185528L	Service Assembly – Main landing gear aft door	c	Ref
	185528R	Service Assembly – Main landing gear aft door	c	Ref
41	290482–2L	Door Assembly – Landing gear aft (See figure 13 for using assembly) (Replaces 261154L for spares purposes per service instruction 49/SI–44)	c	Ref
42	290482–2R	Door Assembly – Landing gear aft (See figure 13 for using assembly) (Replaces 261154R for spares purposes per service instruction 49/SI–44)	c	Ref
43	251550	Block – Push pull tube universal	c	4
44	279013	Clevis – Aft door main landing gear operating tube swivel	c	2
45	279012–8	Tube Assembly – Inboard nacelle aft main landing gear door operating mechanism (Replaces 279012–6 for spares purposes per service instruction 49/SI–44)	c	2
46	251580L	Bracket – Door fitting	c	1
47	251580R	Bracket – Door fitting	c	1
48	251440L	Bracket – Door fitting	c	1
49	251440R	Bracket – Door fitting	c	1

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STRUCTURE

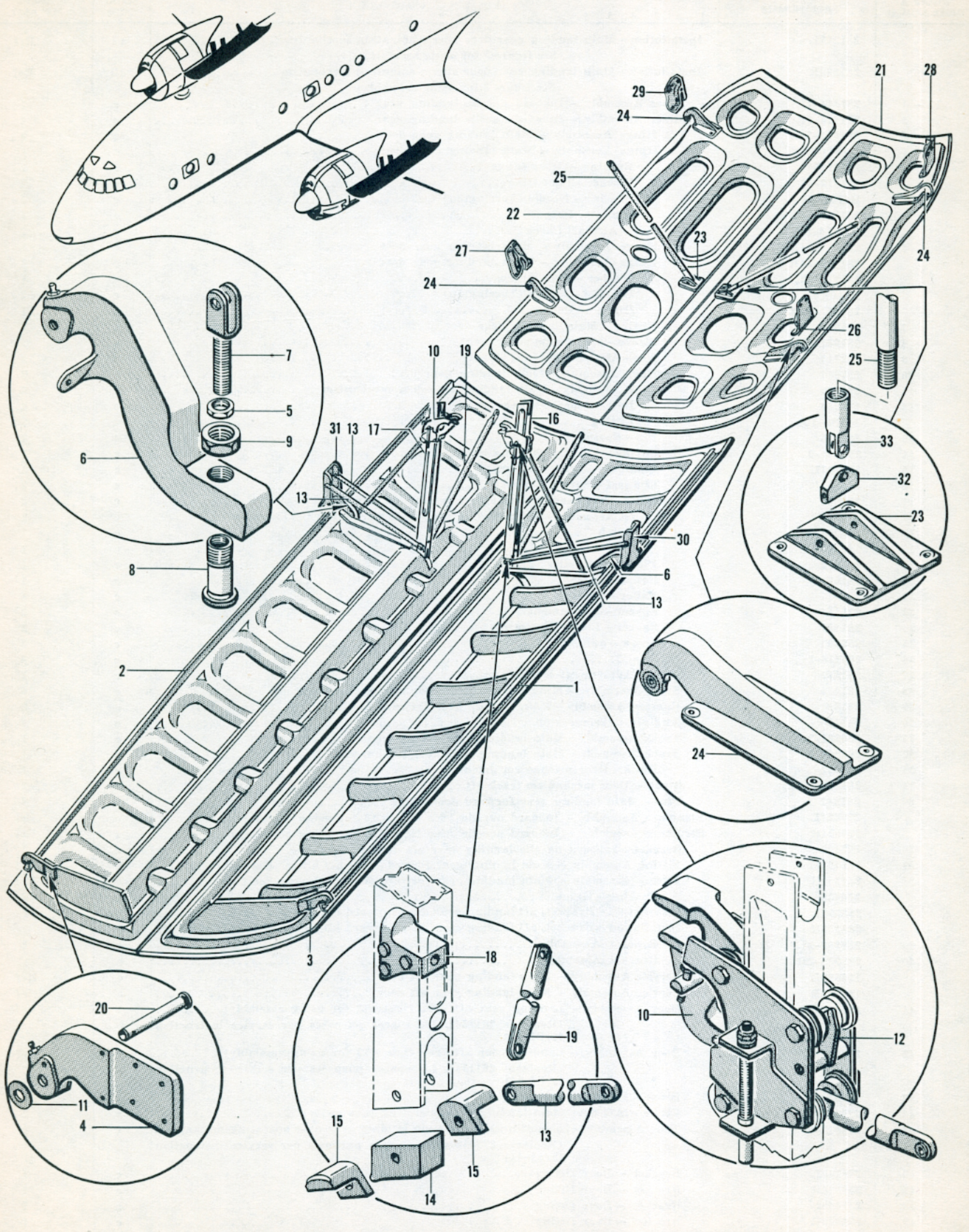

Figure 18 — M.L.G. Doors and Mechanism (Serial 2031-2088)

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	281238L	Installation – Main landing gear door single actuating mechanism (See figure 2 for using assembly)	all	Ref
	281238R	Installation – Main landing gear door single actuating mechanism (See figure 2 for using assembly)	all	Ref
18 – 1	281414–14	Door Assembly – Inboard nacelle landing gear (Replaces 281414–6L for spares purposes per 49/SI–82)	d	1
2	281414–15	Door Assembly – Inboard nacelle landing gear (Replaces 281414–6R for spares purposes per 49/SI–82)	d	1
3	281811–54L	Hinge Assembly – Main landing gear door	cq	1
	281811L	Hinge Assembly – Main landing gear door	bi	1
4	281811–54R	Hinge Assembly – Main landing gear door	cq	1
	281811R	Hinge Assembly – Main landing gear door	bi	1
	281811–52	Washer – Door hinge	cq	2
	265674	Washer – Door hinge	bi	2
	B610X0H	Bearing – Needle (Torrington)	d	1
	281811–53L	Fitting – Door	cq	1
	281811–2L	Fitting – Door	bi	1
	281811–53R	Fitting – Door	cq	1
	281811–2R	Fitting – Door	bi	1
5	AN316–8R	Nut – Aircraft check	d	1
6	281812–54L	Hinge Assembly – Main landing gear door	cq	2
	281812L	Hinge Assembly – Main landing gear door	bi	2
	281812–54R	Hinge Assembly – Main landing gear door	cq	2
	281812R	Hinge Assembly – Main landing gear door	bi	2
	281812–52	Washer – Door hinge	cq	2
	265674	Washer – Door hinge	bi	2
	B610X0H	Bearing – Needle (Torrington)	d	1
	281811–53L	Fitting – Door	cq	1
	281811–2L	Fitting – Door	bi	1
	281811–53R	Fitting – Door	cq	1
	281811–2R	Fitting – Door	bi	1
7	281920	Fitting – Main landing gear door	d	2
8	281921	Sleeve – Mechanism adjustment	d	2
9	282317	Nut – Mechanism hinge	d	2
10	280957	Carriage Assembly – Main landing gear (See figure 17 for detailed illustration)	d	2
11	279718–2	Washer	d	4
12	281677	Plate – Adjustment lock	x	4
	293207	Plate – Adjustment lock	b	4
13	281463	Strut Assembly – Main landing gear door mechanism track side	d	4
14	281886	Bumper Assembly – Main landing gear forward door aft	d	2
15	281456	Angle – Carriage stop	d	4
16	280961–2	Track Assembly – Main landing gear door mechanism	d	1
17	280961–3	Track Assembly – Main landing gear door mechanism	d	1
18	280962	Block – Door mechanism detention	d	1
19	281462	Strut – Door mechanism track aft	d	2
20	282247	Pin – Main landing gear forward door hinge	d	4
	280967L	Installation – Inboard nacelle (See figure 2 for using assembly)	d	Ref
	280967R	Installation – Inboard nacelle (See figure 2 for using assembly)	d	Ref
21	281817–8	Door Assembly – Inboard nacelle main landing gear aft (Replaces 281817L for spares purposes per 49/SI–82)	d	1
22	281817–9	Door Assembly – Inboard nacelle main landing gear aft (Replaces 281817R for spares purposes per 49/SI–82)	d	1
23	281819	Bracket	d	1
24	281818	Fitting	d	2
25	279012–8	Tube Assembly – Inboard nacelle aft main landing gear door operating mechanism	d	2
	279012–3	Terminal – Rod assembly door mechanism	d	1
	279012–4	Terminal – Rod assembly door mechanism	d	1
	01–281201L	Service Assembly – Inboard nacelle structure	d	Ref
	01–281201R	Service Assembly – Inboard nacelle structure	d	Ref
	281201L	Structure Assembly – Inboard nacelle (See figure 14 for using assembly)	d	Ref
	281201R	Structure Assembly – Inboard nacelle (See figure 14 for using assembly)	d	Ref
26	281820L	Bracket	d	1
27	281820R	Bracket	d	1
28	281453L	Bracket	d	1
29	281453R	Bracket	d	1
30	281461L	Fitting Assembly – Inboard nacelle landing gear door (See figure 14 for using assembly)	d	Ref
31	281461R	Fitting Assembly – Inboard nacelle landing gear door (See figure 14 for using assembly)	d	Ref
	270435	Bushing – Hinge	d	2
32	251550	Block – Push pull tube universal	d	4
33	279013	Clevis – Aft door main landing gear operating tube swivel	d	2

STRUCTURE

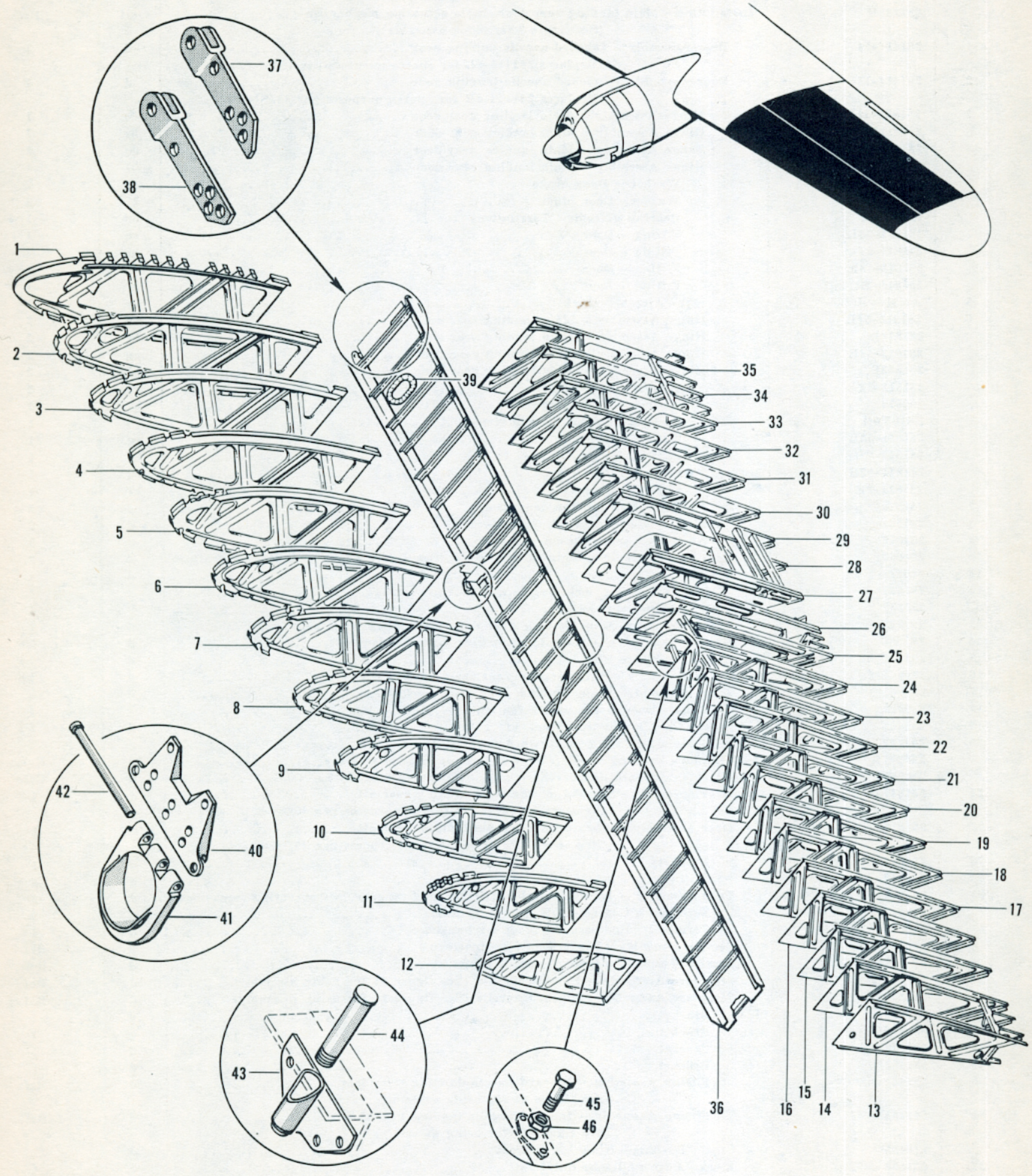

Figure 19 — Ribs Webs, and Fittings

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	251003L	Wing Assembly – Outer section (See figure 2 for using assembly)	all	Ref
	251558L	Installation – Rib, wing station 463 (NP)	all	1
19 – 1	252996L	Rib Assembly	all	1
	251602L	Installation – Rib, wing station 480 (NP)	all	1
2	251712L	Rib Assembly	all	1
	252703L	Installation – Rib, wing station 497 (NP)	all	1
3	252705L	Rib Assembly	all	1
	252704L	Installation – Rib, wing station 515 (NP)	all	1
4	252925L	Rib Assembly	all	1
	269086L	Installation – Rib, wing station 533 (NP)	all	1
5	252706L	Rib Assembly	all	1
	252984L	Installation – Rib, wing station 551 (NP)	all	1
6	252958L	Rib Assembly	all	1
	252978L	Installation – Rib, wing station 569 (NP)	all	1
7	252979L	Rib Assembly	all	1
	252998L	Installation – Rib, wing station 588 (NP)	all	1
8	252999L	Rib Assembly	all	1
	253397L	Installation – Rib, wing station 607 (NP)	all	1
9	253396L	Rib Assembly	all	1
	253496L	Installation – Rib, wing station 627 (NP)	all	1
10	253495L	Rib Assembly	all	1
	251582L	Installation – Rib, wing station 647 (NP)	all	1
11	253423L	Rib Assembly	all	1
	253455L	Installation – Rib, wing station 667⅜ (NP)	all	1
12	253456L	Rib Assembly	all	1
	253484L	Installation – Trailing edge rib, wing station 667.375 (NP)	all	1
13	253483L	Rib Assembly	all	1
	251233L	Installation – Trailing edge rib, wing station 657 (NP)	all	1
14	251234L	Rib Assembly	all	1
	251229L	Installation – Trailing edge rib, wing station 647 (NP)	all	1
15	251230L	Rib Assembly	all	1
	251259L	Installation – Trailing edge rib, wing station 637 (NP)	all	1
16	251258L	Rib Assembly	all	1
	252080L	Installation – Trailing edge rib, wing station 627 (NP)	all	1
17	252079L	Rib Assembly	all	1
	251163L	Installation – Trailing edge rib, wing station 617 (NP)	all	1
18	251157L	Rib Assembly	all	1
	252066L	Installation – Trailing edge rib, wing station 607 (NP)	all	1
19	252067L	Rib Assembly	all	1
	251655L	Installation – Trailing edge rib, wing station 597½ (NP)	all	1
20	251701L	Rib Assembly	all	1
	252037L	Installation – Trailing edge rib, wing station 588 (NP)	all	1
21	252038L	Rib Assembly	all	1
	251706L	Installation – Trailing edge rib, wing station 578½ (NP)	all	1
22	251705L	Rib Assembly	all	1
	252005L	Installation – Trailing edge rib, wing station 569 (NP)	all	1
23	252004L	Rib Assembly	all	1
	252137L	Installation – Trailing edge rib, wing station 560 (NP)	all	1
24	252136L	Rib Assembly	all	1
25	268525L	Rib Assembly – Trailing edge, wing station 551	all	1
26	268526L	Rib Assembly – Trailing edge, wing station 542	all	1
	253490L	Installation – Trailing edge rib, wing station 533 (NP)	all	1
	01–253489L	Service Assembly – Trailing edge rib, wing station 533 (Consists of engineering assembly 253489 less the following: 253489–10 gusset; 255917L angle; 277733 bracket; 268840 clip; 268587L angle; 268588 clip; 255866L angle; 264345L tee)	all	Ref
27	253489L	Rib Assembly	all	1
28	255440L	Installation – Former, wing station 524 (NP)	all	1
	278744L	Installation – Trailing edge rib, wing station 515 (NP)	all	1
29	278744–2L	Web Assembly	all	1
	252155L	Installation – Trailing edge rib, wing station 506 (NP)	all	1
30	252154L	Rib Assembly	all	1
	251924L	Installation – Trailing edge rib, wing station 497 (NP)	all	1
31	251925L	Web Assembly	all	1
	252171L	Installation – Trailing edge rib, wing station 488½ (NP)	all	1
32	252172L	Rib Assembly	all	1
	251688L	Installation – Trailing edge rib, wing station 480 (NP)	all	1
33	251728L	Web Assembly	all	1
	253492L	Installation – Trailing edge rib, wing station 471.5 (NP)	all	1
34	253491L	Rib Assembly	all	1
	253494L	Installation – Trailing edge rib, wing station 463 (NP)	all	1
35	253493L	Web Assembly	all	1
36	251004L	Beam Assembly – Outer wing	all	1
37	251335L	Fitting – Wing station 458	all	1
38	272629L	Fitting – Wing station 458	all	1
39	274734	Door Assembly – Outer wing main beam access	all	1
40	274651L	Hinge – Wing tie down fittings	all	1
	253604L	Installation – Outer wing tie down fittings (NP)	all	1
41	251540	Fittings – Wing tie down	all	1
42	253719	Pin – Wing tie down fitting	all	1
	253607L	Installation – Outer wing hoist fittings (NP)	all	1
43	253606	Fittings – Outer wing hoist	all	1
44	253608	Screw – Outer wing hoist fittings	all	1
	253424L	Installation – Outer wing aileron control support (NP)	all	1
	267826	Stop Assembly – Aileron push pull rod	all	1
45	184801	Bolt – Rudder horn stop	all	1
46	AN316–4R	Nut	all	1

LH SHOWN, RH OPPOSITE.

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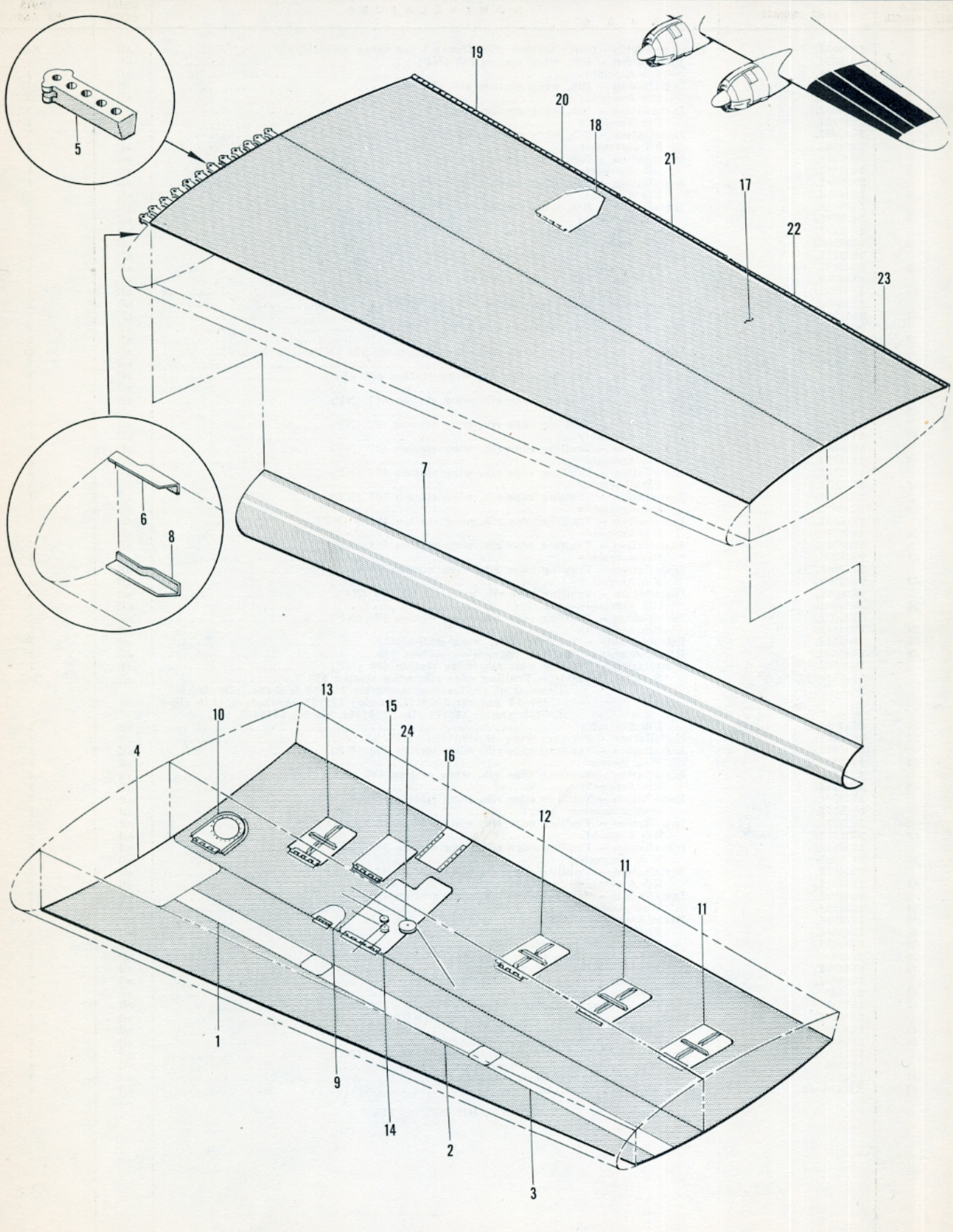

Figure 20 — Access Doors

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	185194-500L	Service Assembly – Outer wing (Consists of 185194L plus the following: 256342-119; 256342-121; 256342-125; 264843-363; 255748L; 256403-3L; 279171-2; 279171-4; 287928-2, less 285049 and 259343L; 293254)	dd	Ref
	185194-500R	Service Assembly – Outer wing (Consists of 185194R plus the following: 256342-120; 256342-122; 256342-126; 264843-364; 255748R; 256403-3R; 279171-2; 279171-4; 287928-3, less 259343R; 293254)	dd	Ref
	185194-501L	Service Assembly – Outer wing (Consists of 185194L plus the following: 256342-119; 256342-121; 289342-4; 289342-6; 289342-8; 289342-9; 289342-10; 264843-363; 255748L; 256403-3L; 279171-2; 279171-4; 287928-2, less 285049 and 259343L; 293254)	gg	Ref
	185194-501R	Service Assembly – Outer wing (Consists of 185194R plus the following: 256342-120; 256342-122; 289342-5; 289342-7; 289342-11; 289342-12; 289342-13; 264843-364; 255748R; 256403-3R; 279171-2; 279171-4; 287928-3, less 259343R; 293254)	gg	Ref
	185194L	Service Assembly – Outer wing (Consists of 251003L less the following: 289283L; 260620L; 284349-358; 292679L; 293871L; 291179L; 255748L; 286308-12; 286308-14; 287544L; 256403-3L; 291178L; 289254; Plus the following: 256342-117; 256342-123; 260909)	all	Ref
	185194R	Service Assembly – Outer wing (Consists of 251003R less the following: 289238R; 260620R; 284349-360; 292679R; 293871R; 291179R; 255748R; 286308-12; 286308-14; 287544R; 256403-3R; 291178R; 289254R; Plus the following: 256342-118; 256342-124; 260909)	all	Ref
	251003L	Wing Assembly – Outer section (See figure 2 for using assembly)	all	Ref
	251003R	Wing Assembly – Outer section (See figure 2 for using assembly)	all	Ref
	251716L	Installation – Outer wing lower skin and stringer (NP)	all	1
	251716R	Installation – Outer wing lower skin and stringer (NP)	all	1
20 – 1	253564L	Door – Aileron booster access	all	1
	253564R	Door – Aileron booster access	all	1
2	253565L	Door Assembly – Aileron booster access	all	1
	253565R	Door Assembly – Aileron booster access	all	1
3	253566L	Door Assembly – Aileron booster access	all	1
	253566R	Door Assembly – Aileron booster access	all	1
	01-284075L	Service Assembly – Door, wing station 458-480 lower surface access (Consists of 284075L less: 273170-3L)	all	Ref
	01-284075R	Service Assembly – Door, wing station 458-480 lower surface access (Consists of 284075R less: 273170-3R)	all	Ref
4	284075L	Door Assembly – Wing station 458-480 lower surface access	all	1
	284075R	Door Assembly – Wing station 458-480 lower surface access	all	1
	251717L	Installation – Outer wing upper skin and stringer (NP)	all	1
	251717R	Installation – Outer wing upper skin and stringer (NP)	all	1
	253516L	Skin and Stringer Assembly	all	1
	253516R	Skin and Stringer Assembly	all	1
5	251176	Fitting – V Section attaching station 458	all	12
6	253699L	Cap – Outer wing nose section upper beam	all	1
	253699R	Cap – Outer wing nose section upper beam	all	1
	251718L	Installation – Outer wing leading edge skin stiffener (NP)	all	1
	251718R	Installation – Outer wing leading edge skin stiffener (NP)	all	1
7	253647L	Nose Assembly – Leading edge	all	1
	253647R	Nose Assembly – Leading edge	all	1
8	253707L	Cap Assembly – Nose section lower beam	all	1
	253707R	Cap Assembly – Nose section lower beam	all	1
	251731L	Installation – Skin, outer wing aft lower (NP)	all	1
	251731R	Installation – Skin, outer wing aft lower (NP)	all	1
9	255504	Cover Assembly – Tie down fitting	all	1
	01-259339	Service Assembly – Door, landing light (Consists of 259339 less the following: 259339-5; 259339-6)	all	Ref
10	259339	Door Assembly – Landing light access	all	1
11	272397L	Door Assembly – Outer wing inspection (2 Req. serial FB, 1 req. serial BP)	all	AR
	272397R	Door Assembly – Outer wing inspection	all	2
	272397-500	Door Assembly – Flux gate compass inspection (Replaces inboard 272397L)	bp	1
12	272398L	Door Assembly – Lower inspection, wing station 578-588	all	1
	272398R	Door Assembly – Lower inspection, wing station 578-588	all	1
13	272399L	Door Assembly – Lower inspection, wing station 497	all	1
	272399R	Door Assembly – Lower inspection, wing station 497	all	1
14	272205L	Door Assembly – Aileron control access	all	1
	272205R	Door Assembly – Aileron control access	all	1
15	272119L	Door Assembly – Tab mechanism access	all	1
	272119R	Door Assembly – Tab mechanism access	all	1
16	268592L	Door Assembly – Wing station 533-542	all	1
	268592R	Door Assembly – Wing station 533-542	all	1
	253477L	Installation – Skin, outer wing aft upper (NP)	all	1
	253477R	Installation – Skin, outer wing aft upper (NP)	all	1
17	253468L	Skin Assembly – Outer wing aft upper	all	1
	253468R	Skin Assembly – Outer wing aft upper	all	1
18	286971L	Door Assembly – Aileron booster access	gg	1
	286971R	Door Assembly – Aileron booster access	gg	1
	270365L	Door Assembly – Aileron booster access	dd	1
	270365R	Door Assembly – Aileron booster access	dd	1
19	279589L	Hinge – Aileron to wing	all	1
	279589R	Hinge – Aileron to wing	all	1
20	297978L	Hinge – Aileron to wing	all	1
	297978R	Hinge – Aileron to wing	all	1
21	297647L	Hinge – Aileron to wing	all	1
	297647R	Hinge – Aileron to wing	all	1
22	280386	Hinge – Aileron to wing	all	1
23	279592L	Hinge – Aileron to wing	all	1
	279592R	Hinge – Aileron to wing	all	1
24	256005L	Installation – Surface control, outer wing section (NP) (See figure 77 for detailed illustration)	all	1
	256005R	Installation – Surface control, outer wing section (NP) (See figure 77 for detailed illustration)	all	1
		(See 49/SI-26 for structural repair between wing station 458-463, serial DDD)		

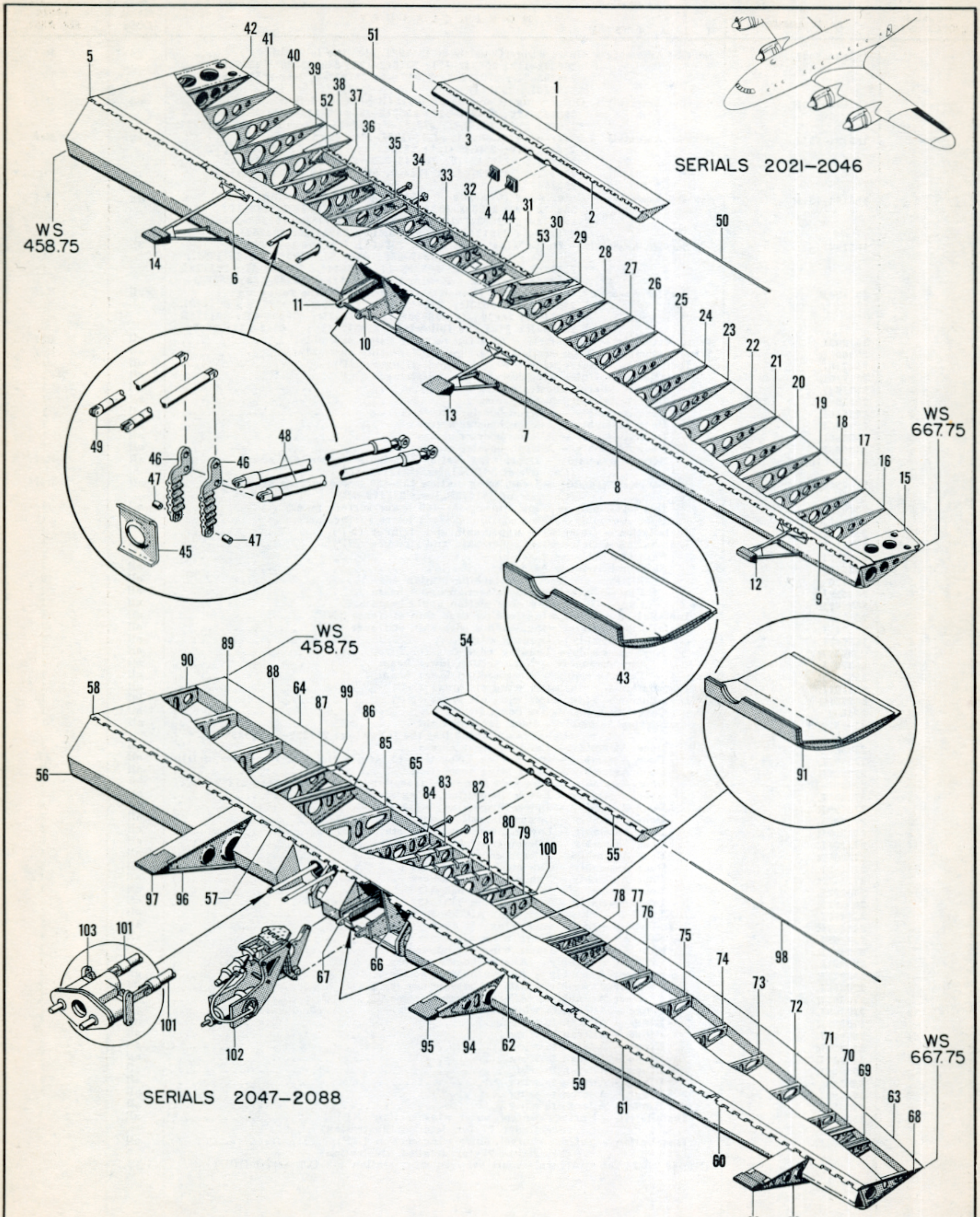

Figure 21 — Aileron Complete

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	01-251009-500L	Service Assembly – Aileron complete (Consists of 251009-500L and the following: 166083; 256403-4; 256403-5; 268483; 268484L; LS580-4-22; attaching nuts, bolts and screws)	a	Ref
	01-251009-500R	Service Assembly – Aileron complete (Consists of 251009-500R and the following: 166083; 256403-4; 256403-5; 268483; 268484R; LS580-4-22; attaching nuts, bolts and screws)	a	Ref
	251009-500L	Aileron Assembly – Complete (See figure 2 for using assembly) (Part obtained by reworking 251009L per 49/SB-52)	a	Ref
	251009-500R	Aileron Assembly – Complete (See figure 2 for using assembly) (Part obtained by reworking 251009R per 49/SB-52)	a	Ref
21 - 1	262144L	Tab Assembly – Aileron fabric covered	a	1
	262144R	Tab Assembly – Aileron fabric covered	a	1
	264563	Grommet – Celluloid drain	a	8
	264484L	Tab Assembly – Aileron uncovered	a	1
	264484R	Tab Assembly – Aileron uncovered	a	1
2	264484-4L	Hinge – Tab to aileron	a	1
	264484-4R	Hinge – Tab to aileron	a	1
3	264484-17L	Hinge – Tab to aileron	a	1
	264484-17R	Hinge – Tab to aileron	a	1
4	278673	Bracket Assembly – Aileron tab control	a	2
	262145-500L	Aileron Assembly – Covered (Part obtained by reworking 262145L per 49/SB-52)	a	1
	262145-500R	Aileron Assembly – Covered (Part obtained by reworking 262145R per 49/SB-52)	a	1
	264563	Grommet – Celluloid drain	a	27
	264400-500L	Frame Assembly – Aileron (Part obtained by reworking 264400L per 49/SB-52)	a	1
	264400-500R	Frame Assembly – Aileron (Part obtained by reworking 264400R per 49/SB-52)	a	1
5	274561-2L	Hinge – Aileron to wing	a	1
	274561-2R	Hinge – Aileron to wing	a	1
6	274561-3L	Hinge – Aileron to wing	a	1
	274561-3R	Hinge – Aileron to wing	a	1
7	274561-4L	Hinge – Aileron to wing	a	1
	274561-4R	Hinge – Aileron to wing	a	1
8	274561-5L	Hinge – Aileron to wing	a	1
	274561-5R	Hinge – Aileron to wing	a	1
9	274561-6L	Hinge – Aileron to wing	a	1
	274561-6R	Hinge – Aileron to wing	a	1
10	276106L	Fitting – Aileron booster tie in station 540	a	1
	276106R	Fitting – Aileron booster tie in station 540	a	1
11	276107L	Fitting – Aileron booster tie in station 534	a	1
	276107R	Fitting – Aileron booster tie in station 534	a	1
	274740L	Installation – Aileron counter balance wing station 652½ (NP)	a	1
	274740R	Installation – Aileron counter balance wing station 652½ (NP)	a	1
12	264472L	Balance Assembly – Aileron	a	1
	264472R	Balance Assembly – Aileron	a	1
	274742L	Installation – Aileron counter balance wing station 574	a	1
	274742R	Installation – Aileron counter balance wing station 574	a	1
	274742-51	Screw – Counter balance attaching	a	2
13	264471L	Balance Assembly – Aileron	a	1
	264471R	Balance Assembly – Aileron	a	1
	274741L	Installation – Aileron counter-balance wing station 502 (NP)	a	1
	274741R	Installation – Aileron counter-balance wing station 502 (NP)	a	1
14	264470L	Balance Assembly – Aileron	a	1
	264470R	Balance Assembly – Aileron	a	1
15	264367L	Rib Assembly – Aileron, wing station 667.75	a	1
	264367R	Rib Assembly – Aileron, wing station 667.75	a	1
16	264466L	Rib Assembly – Aileron, wing station 655.5	a	1
	264466R	Rib Assembly – Aileron, wing station 655.5	a	1
17	264465L	Rib Assembly – Aileron, wing station 649.5	a	1
	264465R	Rib Assembly – Aileron, wing station 649.5	a	1
18	264464L	Rib Assembly – Aileron, wing station 642	a	1
	264464R	Rib Assembly – Aileron, wing station 642	a	1
19	264463L	Rib Assembly – Aileron, wing station 635	a	1
	264463R	Rib Assembly – Aileron, wing station 635	a	1
20	264462L	Rib Assembly – Aileron, wing station 628	a	1
	264462R	Rib Assembly – Aileron, wing station 628	a	1
21	264461L	Rib Assembly – Aileron, wing station 621	a	1
	264461R	Rib Assembly – Aileron, wing station 621	a	1
22	264460L	Rib Assembly – Aileron, wing station 614	a	1
	264460R	Rib Assembly – Aileron, wing station 614	a	1
23	264459L	Rib Assembly – Aileron, wing station 607	a	1
	264459R	Rib Assembly – Aileron, wing station 607	a	1
24	264458L	Rib Assembly – Aileron, wing station 600	a	1
	264458R	Rib Assembly – Aileron, wing station 600	a	1
25	264457L	Rib Assembly – Aileron, wing station 592.25	a	1
	264457R	Rib Assembly – Aileron, wing station 592.25	a	1
26	264456L	Rib Assembly – Aileron, wing station 584.625	a	1

(CONTINUED ON NEXT PAGE)

STRUCTURE

FIGURE & INDEX NUMBER	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6	SERIAL CODE	UNITS PER ASSY.
	264456R	Rib Assembly – Aileron, wing station 584.625	a	1
21 – 27	264455L	Rib Assembly – Aileron, wing station 577	a	1
	264455R	Rib Assembly – Aileron, wing station 577	a	1
28	264454L	Rib Assembly – Aileron, wing station 571	a	1
	264454R	Rib Assembly – Aileron, wing station 571	a	1
29	264453L	Rib Assembly – Aileron, wing station 564	a	1
	264453R	Rib Assembly – Aileron, wing station 564	a	1
30	264452L	Rib Assembly – Aileron, wing station 557.125	a	1
	264452R	Rib Assembly – Aileron, wing station 557.125	a	1
31	270022L	Rib – Aileron, wing station 350.358	a	1
	270022R	Rib – Aileron, wing station 350.358	a	1
32	270312L	Rib Assembly – Aileron, wing station 542.566	a	1
	270312R	Rib Assembly – Aileron, wing station 542.566	a	1
33	270021L	Rib – Aileron, wing station 534.636	a	1
	270021R	Rib – Aileron, wing station 534.636	a	1
34	270019L	Rib – Aileron, wing station 525.930	a	1
	270019R	Rib – Aileron, wing station 525.930	a	1
35	270020L	Rib Assembly – Aileron, wing station 521.093	a	1
	270020R	Rib Assembly – Aileron, wing station 521.093	a	1
36	264445L	Rib Assembly – Aileron, wing station 513	a	1
	264445R	Rib Assembly – Aileron, wing station 513	a	1
37	264444L	Rib Assembly – Aileron, wing station 505	a	1
	264444R	Rib Assembly – Aileron, wing station 505	a	1
38	*264443-500L	Rib Assembly – Aileron, wing station 496.875	a	1
	*264443-500R	Rib Assembly – Aileron, wing station 496.875	a	1
39	*264442-500L	Rib Assembly – Aileron, wing station 489	a	1
	*264442-500R	Rib Assembly – Aileron, wing station 489	a	1
40	*264441-500L	Rib Assembly – Aileron, wing station 481	a	1
	*264441-500R	Rib Assembly – Aileron, wing station 481	a	1
41	*264440-500L	Rib Assembly – Aileron, wing station 473	a	1
	*264440-500R	Rib Assembly – Aileron, wing station 473	a	1
42	*264409-500L	Rib Assembly – Aileron, wing station 458.75–465	a	1
	*264409-500R	Rib Assembly – Aileron, wing station 458.75–465	a	1
43	270015L	Cover Assembly – Aileron control access	a	1
	270015R	Cover Assembly – Aileron control access	a	1
44	270449	Door Assembly – Aileron structure access	a	1
	278302L	Installation – Aileron tab servo mechanism (NP)	a	1
	278302R	Installation – Aileron tab servo mechanism (NP)	a	1
	278255	Link Assembly – Aileron tab servo mechanism	a	1
45	278255-2	Panel – Aileron tab servo link	a	2
46	278256	Arm Assembly – Aileron tab servo mechanism	a	2
47	278394	Spacer – Aileron servo mechanism	a	2
48	279382	Rod Assembly – Aileron tab mechanism aft	a	2
	278251	End Assembly – Aileron tab servo mechanism rod	a	1
49	279418	Rod Assembly – Aileron tab mechanism forward	a	2
50	251009-2	Pin – Hinge, aileron tab	a	1
51	251009-3	Pin – Hinge, aileron tab	a	1
52	265022L	Stop – Aileron tab hinge pin (Used on LH & RH)	a	1
53	265022R	Stop – Aileron tab hinge pin (Used on LH & RH)	a	1
	280539L	Aileron Assembly – Complete (See figure 2 for using assembly)	b	Ref
	280539R	Aileron Assembly – Complete (See figure 2 for using assembly)	b	Ref
54	279870L	Tab Assembly – Metal covered aileron	b	1
	279870R	Tab Assembly – Metal covered aileron	b	1
55	279870-5L	Hinge – Tab to aileron	b	1
	279870-5R	Hinge – Tab to aileron	b	1
	279871L	Structure Assembly – Metal covered aileron	b	1
	279871R	Structure Assembly – Metal covered aileron	b	1
56	279871-25L	Nose Assembly – Inboard	b	1
	279871-25R	Nose Assembly – Inboard	b	1
	280546-16L	Spar Assembly – Aileron front	b	1
	280546-16R	Spar Assembly – Aileron front	b	1
57	280546-8L	Hinge – Aileron to wing	b	1
	280546-8R	Hinge – Aileron to wing	b	1
58	280546-9L	Hinge – Aileron to wing	b	1
	280546-9R	Hinge – Aileron to wing	b	1
59	279871-26L	Nose Assembly – Outboard	b	1
	279871-26R	Nose Assembly – Outboard	b	1
	280546-15L	Spar Assembly – Aileron front	b	1
	280546-15R	Spar Assembly – Aileron front	b	1
60	280546-5L	Hinge – Aileron to wing	b	1
	280546-5R	Hinge – Aileron to wing	b	1
61	280546-6L	Hinge – Aileron to wing	b	1
	280546-6R	Hinge – Aileron to wing	b	1
62	280546-7L	Hinge – Aileron to wing	b	1
	280546-7R	Hinge – Aileron to wing	b	1

(Continued on next page.)