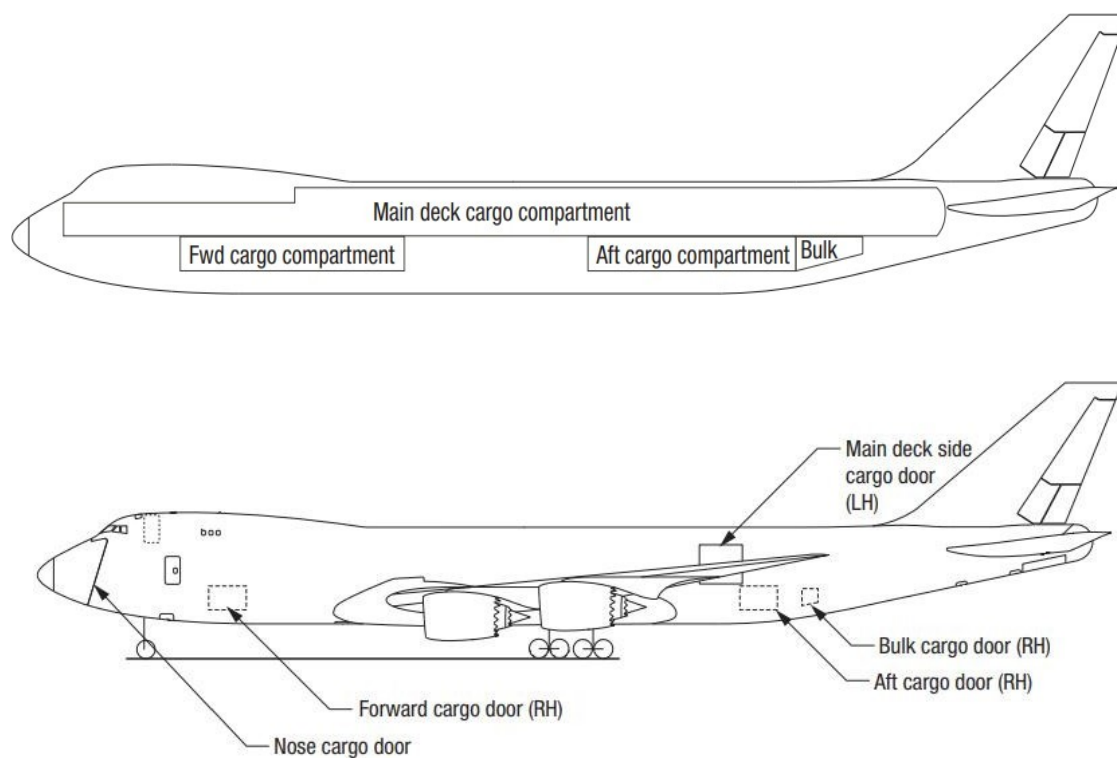


General Description:

Aircraft Type: 747-8F
Serial Number:
Date of Manufacturer: 2012
Registration:

Engine Designation: GenX-2B67/P
TSN: 36 750
CSN: 6 600
Ratio: 5.50
Status as of: 07 Feb 2023

Cargo Configuration:



Aircraft Weights

Maximum Landing Weight
Maximum Taxi Weight
Maximum Take-off Weight
Maximum Zero Fuel Weight

Current (kg)

345,183
443,613
442,252
328,854

Current (lb)

761,000
978,000
975,000
725,000

Fuel Capacity / Configuration

	Current (Liters)	Current (U.S. Gallons)
Fuel Capacity: Center Wing	64,352	17,000
Fuel Capacity: Inboard Main	109,246	28,860
Fuel Capacity: Outboard Main	40,276	10,640
Fuel Capacity: Reserve	11,612	3,068
Total Fuel Capacity	225,486	59,568

Asset Details:

Interiors:

Flight Compartment – Up to 4 (Captain, First officer, First observer, Second observer)

Supernumerary Compartment – Up to six supernumeraries

One Galleys

One Lavatory

Crew Rest compartment

Autoflight:

Category IIIA and IIIB Automatic Approach & Landing

The autopilot flight director system (AFDS) has three integrated autopilot flight director channels

RVSM

RNP- Req Nav Performance

(GNSS) Landing system (GLS)

Communications:

HF Communications - Two HF System with data link activated

VHF Communications -Triple with 8.33 khz Spacing, VDL (Mode A and Mode 2)

VHF – Three VHF systems

SATCOM – One satellite communication system - Inmarsat (Aero-H, Aero-H+, Swift64)

SELCAL – one selective calling system (ARINC 714 that monitors three VHF and two HF)

VHF FM Immunity

ACARS AOA-Capable CMU, Data Link Activated. ARINC 630 AOC/AAC messages. ARINC 623 ATS messages (D-ATIS)

ACARS Printer

Emergency Locator Transmitter (ELT) Fixed Automatic

Emergency Locator Transmitter (ELT) Portable PLB

Navigation:

Three ADIRS

Three Radio Altimeter (ARINC 707-6 RA)

Dual WXR System with PWS

TCAS – ARINC 735 Change 7.1 compliant

EGPWS

Three ARINC 755 GPS systems

ADF 2

FMCS performs FANS-1 and FANS-2 datalink functions

Equipment List:

ATA	DESCRIPTION	P/N	Q-ty	VENDOR
22-AUTOPILOT-FLIGHT DIRECTOR				
22	AFDS MODE CONTROL PANEL MCP-705	822-1492-101	1	ROCKWELL COLLINS
22	COMPUTER-FLIGHT CONTROL FCC-703	822-1261-102	3	ROCKWELL COLLINS
22	YAW DAMPER/STAB TRIM MODULE	285T1122-302	2	BOEING CO THE
22	ACCELEROMETER	9000003-1	2	HONEYWELL
23-COMMUNICATION				
23	MODULE-RADIO COMMUNICATION radio tuning panel RTP-2100	822-2555-101	3	ROCKWELL COLLINS
23	AUDIO COMM CNTRL PNL	1167015-141	4	ROCKWELL COLLINS
23	COCKPIT VOICE RECORDER SSCVR 2100	822-2543-102	1	ROCKWELL COLLINS
23	AIRBORNE DATA LOADER	233T4256-307	1	BOEING CO THE
23	BOOM MIC HEADSET	64300-200	4	TELEX COMMUNICATIONS
23	SATELLITE DATA UNIT SDU-2200	822-2556-103	1	ROCKWELL COLLINS
	HIGH GAIN ANTENNA HGA-2100A	822-2656-101	1	ROCKWELL COLLINS
	LOW NOISE AMPLIFIER DLNA-2100A	822-2655-101	1	ROCKWELL COLLINS
23	HF COMM TRANSCEIVER HF-900D	822-0990-004	2	ROCKWELL COLLINS
23	VHF COMM TRANSCEIVER VHF-2100	822-1287-101	3	ROCKWELL COLLINS
23	AUDIO MGMT UNIT AMU-140	1167014-144	1	ROCKWELL COLLINS
23	SELCAL DECODER SCD-2100	822-2559-101	1	ROCKWELL COLLINS
23	PUBLIC ADDRESS AMPLIFIER	622-5342-101	1	ROCKWELL COLLINS
23	P/C CARD	69B47516-3	1	BOEING CO THE
23	COMMUNICATIONS MANAGEMENT UNIT CMU-900	822-1239-151	1	ROCKWELL COLLINS
23	AIRPLANE PERSONALITY MODULE APM-900	822-1424-001	1	ROCKWELL COLLINS
23	ANTENNA-VHF	DM C50-17	3	AIL SYSTEMS INC
23	HF COUPLER MOUNT	622-8963-001	1	ROCKWELL COLLINS
23	COUPLER-HF ANTENNA	822-0987-004	2	ROCKWELL COLLINS
23	EMERGENCY LOCATOR ANTENNA ANT 2200	822-2553-101	1	ROCKWELL COLLINS
23	EMERGENCY LOCATOR TRANSMITTER ELT 2200 (ARTEX B406-4,P/N453-5004)	822-2547-101	1	ROCKWELL COLLINS
23	ELT NAVIGATION INTERFACE UNIT	822-2554-101	1	ROCKWELL COLLINS
23	EFIS CONTROL PANEL DCP-7001	822-2613-101	2	ROCKWELL COLLINS
23	SINGLE BAND TWLU ANTENNA	901058-1	1	MILTOPE CORP
25 EQUIPMENT				
25	EMERGENCY LOCATOR TRANSMITTER ELT RESCUE 406SG	51090368-1	1	HONEYWELL
25	EMERGENCY LOCATOR TRANSMITTER ELT	500-12Y	1	TECHTEST LTD

	31 INDICATING/RECORDING SYSTEM			
31	REMOTE LIGHT SENSOR RLS-2100	822-2290-101	2	ROCKWELL COLLINS
31	EICAS DISPLAY SELECT PNL DSP-7001	822-2484-101	1	ROCKWELL COLLINS
31	CURSOR CONTROL PANEL CCP-7001	822-2483-101	2	ROCKWELL COLLINS
31	DFDR ACCELEROMETER TRIAA-2100	822-2019-101	1	ROCKWELL COLLINS
31	DIGITAL FLIGHT DATA RECORDER SSDFDR 2100	822-2546-102	1	ROCKWELL COLLINS
31	MAWEA CARD FILE MODULE	285U0077-303	1	BOEING CO THE
31	ACMS iDATA MGMT UNIT IDMU IDMU-2100	822-1799-102	1	ROCKWELL COLLINS
31	WEIGHT AND BALANCE COMP	4061642-905	1	HONEYWELL
31	CALIBRATION MEMORY MOD	4061693-901	1	HONEYWELL
31	EICAS INTERFACE UNIT EIU-7001	822-2481-101	3	ROCKWELL COLLINS
31	INCLINOMETER	1017-S5	2	RIEKER INSTRUMENT
31	PRINTER PRNTR 21000	822-1808-101	1	ROCKWELL COLLINS
	34 NAVIGATION			
34	COMPASS	PGA0117W	1	SIRS NAVIGATION
34	INTEGRATED STANDBY FLIGHT DISPLAY ISFD	C16786FA02	1	THALES AVIONICS SA
34	BATTERY-ISFD	312BS101-1	1	ACME ELECTRIC CORP
34	CDU-FMS	4093600-901	3	HONEYWELL
34	FLIGHT MGMT COMPUTER FMC	4052508-960	2	HONEYWELL
34	MODE SELECT UNIT MSU	CG1234AC02	1	HONEYWELL
34	SENSOR-ANGLE OF ATTACK	0861DR	2	BF GOODRICH
34	TOTAL AIR TEMP PROBE	102LJ2AG	2	ROSEMOUNT INC SUB
34	PITOT/STATIC PROBE	0856RE5	2	BF GOODRICH
34	PITOT/STATIC PROBE	0856RE6	2	BF GOODRICH
34	AIR DATA MODULE	C17001DA01	7	THALES AVIONICS SA
34	MULTI-MODE RECEIVER - ILS/GPS GLU-2100	822-2532-100	3	ROCKWELL COLLINS
34	Ground Proximity Warning System	965-1690-056	1	HONEYWELL TDB456
34	INERTIAL REFERENCE UNIT IRS	HG2050AC11	3	HONEYWELL
34	VOR MARKER BEACON RECEIVER VOR-900	822-0297-001	2	ROCKWELL COLLINS
34	DME INTERROGATOR DME-900	822-0329-001	2	ROCKWELL COLLINS
	TCAS COMPUTER 7.1 TTR-921	822-1293-033	1	ROCKWELL COLLINS
34	ATC/TCAS CONTROL PANEL TTC-2100	822-1787-101	1	ROCKWELL COLLINS
	ATC TRANSPONDER TPR-901 (Test Date 03/02/12 , 09/26/12)	822-1338-205	2	ROCKWELL COLLINS
34	WEATHER RADAR TRANSCEIVER WRT-2100	822-1710-002	2	ROCKWELL COLLINS
34	WEATHER RADAR ANTENNA DRIVE WMA-702X	622-5136-802	1	ROCKWELL COLLINS
34	WEATHER RADAR CNTRL PNL	622-5130-801	1	ROCKWELL COLLINS
34	WEATHER RADAR TRANSCEIVER MOUNT WMT-702X	622-5133-007	2	ROCKWELL COLLINS
34	ANTENNA-WEATHER RADAR	622-5137-601	1	ROCKWELL COLLINS
34	WAVEGUIDE SWITCH WXR-2100	837-7037-010	1	ROCKWELL COLLINS
34	PROCESSOR HOUSING- FQIS FUEL	30310-2022-0101	1	BF GOODRICH AEROSPACE
34	AUTOMATIC DIRECTION FINDER ADF-900	822-0299-001	2	ROCKWELL COLLINS
34	LOW RANGE RADIO ALTIMETER LRA-900	822-0334-003	3	ROCKWELL COLLINS
34	SDU CONFIGURATION MODULE SSCM-2200	822-2558-101	1	ROCKWELL COLLINS
	45 CENTRAL/MAINTENANCE SYSTEM			
45	CENTRAL MAINT COMPUTER CMC-7001	822-2482-101	2	ROCKWELL COLLINS
	46 EFB			
46	TERMINAL WIRELESS LAN UNIT	902000-4	1	MILTOPE CORP

Airframe

MSN:		Total Time Since New:	36 750
Model:	747-8F	Total Cycles Since New:	6 600
Manufacture:	BOEING	Ratio:	5.50
		As per:	07 Feb 2023

Description	Interval	Date of Event	FH @ Last Event	FC @ Last Event	FH Since Last Event	FC Since Last Event
C-CHECK	10 000 FH 24 Month	30 Jun 2021	32 423	5 938	3220	603
D-CHECK	8 Year	30 Jun 2021	32 423	5 938	3220	603

Aircraft in active storage (IAW AMM 10-11-07) since 24 April 2022 up to 21 Sep 2022. Prolonged parking (IAW AMM 10-11-02) since 23 Aug 2022 up to current time.

Engine # 1

Engine Model: GenX-2B

Engine Serial No.:

Total Time Since New: 32 500

Thrust Rating: 67/P

Total Cycles Since New: 6 000

Ratio: 5.45

TSLSV 0

CSLSV 0

As per: 07 Feb 2023

Description	Life Limit	Cycle Consumed	Cycles Remaining	Lowest Limiter
Disk - Fan Rotor	15000	5892	9108	
Booster - Spool	15000	5892	9108	
Shaft - FWD Fan	12400	5892	6508	6508
Tube Supt	15000	5892	9108	
Spool - 6-10 CPR RTR	11100	0	11100	
Spool - 3-4 CPR TRT	15000	0	15000	
Shaft - FWD	15000	5892	9108	
Seal - CDP	15000	5892	9108	
Blisk - STG1	15000	0	15000	
Blisk - STG2	15000	0	15000	
Blisk - STG5	15000	5675	9325	
Case - Combustor	15000	5029	9971	
Case - HPT STR	15000	5892	9108	
Disk - HPT STG1	15000	0	15000	
Disk - HPT STG2	15000	0	15000	
Seal	15000	0	15000	
Seal - HPT	15000	5892	9108	
Seal - I/Stage	15000	0	15000	
Shaft - A/O LPT Cone	15000	5892	9108	
Disk - LPTR 1	15000	0	15000	
Disk - LPTR 2	15000	0	15000	
Disk - LPTR 3	15000	0	15000	
Disk - LPTR 4	15000	0	15000	
Disk - LPTR 5	15000	0	15000	
Disk - LPTR 6	15000	0	15000	
Shaft - MID Fan	15000	6181	8819	

Engine # 2

Engine Model: GenX-2B

Engine Serial No.:

Total Time Since New: 34 500

Thrust Rating: 67/P

Total Cycles Since New: 6 400

Ratio: 5.55

TSLSV 13 150

CSLSV 2 475

As per: 07 Feb 2023

Description	Engine Model	Life Limit	Cycle Consumed	Cycles Remaining	Lowest Limiter
Disk - Fan Rotor		15000	6251	8749	
Booster - Spool		15000	6251	8749	
Shaft - FWD Fan		12400	6251	6149	
Tube Supt		15000	6251	8749	
Spool - 6-10 CPR RTR	GenX-2B67B	15000	3776	7818	
	GenX-2B67/P	10900	2475	5681	5681
Spool - 3-4 CPR TRT		15000	2475	12525	
Shaft - FWD		15000	6251	8749	
Seal - CDP		15000	2475	12525	
Blisk - STG1		15000	2475	12525	
Blisk - STG2		15000	2475	12525	
Blisk - STG5		15000	2475	12525	
Case - Combustor		15000	6251	8749	
Case - HPT STR		15000	6251	8749	
Disk - HPT STG1	GenX-2B67B	14100	3776	7997	
	GenX-2B67/P	15000	2475	8507	
Disk - HPT STG2	GenX-2B67B	15000	3776	8300	
	GenX-2B67/P	12700	2475	7027	
Seal		15000	6251	8749	
Seal - HPT		15000	6251	8749	
Seal - I/Stage		15000	6251	8749	
Shaft - A/O LPT Cone		15000	6251	8749	
Disk - LPTR 1		15000	2475	12525	
Disk - LPTR 2		15000	2475	12525	
Disk - LPTR 3		15000	2475	12525	
Disk - LPTR 4		15000	2475	12525	
Disk - LPTR 5		15000	2475	12525	
Disk - LPTR 6		15000	2475	12525	
Shaft - MID Fan		15000	6251	8749	

Engine # 3

Engine Model: GenX-2B

Engine Serial No.: Total Time Since New: 31 750

Thrust Rating: 67/P Total Cycles Since New: 5 700

Ratio: 5.55

TSLSV 244

CSLSV 48

As per: 07 Feb 2023

Description	Engine Model	Life Limit	Cycle Consumed	Cycles Remaining	Lowest Limiter
Disk - Fan Rotor		15000	3883	11117	
Booster - Spool		15000	3883	11117	
Shaft - FWD Fan		12400	3883	8517	
Tube Supt		15000	3883	11117	
Spool - 6-10 CPR RTR		11100	3883	7217	7217
Spool - 3-4 CPR TRT		15000	3883	11117	
Shaft - FWD		15000	5658	9342	
Seal - CDP		15000	5658	9342	
Blisk - STG1		15000	3883	11117	
Blisk - STG2		15000	3883	11117	
Blisk - STG5		15000	5658	9342	
Case - Combustor		15000	5658	9342	
Case - HPT STR		15000	3883	11117	
Disk - HPT STG1		15000	3883	11117	
Disk - HPT STG2		13300	48	13252	
Seal		15000	3883	11117	
Seal - HPT		15000	5658	9342	
Seal - I/Stage		15000	3883	11117	
Shaft - A/O LPT Cone		15000	3883	11117	
Disk - LPTR 1		15000	3883	11117	
Disk - LPTR 2		15000	3883	11117	
Disk - LPTR 3		15000	3883	11117	
Disk - LPTR 4		15000	3883	11117	
Disk - LPTR 5		15000	3883	11117	
Disk - LPTR 6		15000	3883	11117	
Shaft - MID Fan		15000	5658	9342	

Engine # 4

Engine Model: GenX-2B

Engine Serial No.:

Thrust Rating: 67/P

Total Time Since New: 35 500

Total Cycles Since New: 6 400

Ratio: 5.55

TSLSV 12 200

CSLSV 2 300

As per: 07 Feb 2023

Description	Engine Model	Life Limit	Cycle Consumed	Cycles Remaining	Lowest Limiter
Disk - Fan Rotor		15000	6284	8716	
Booster - Spool		15000	6284	8716	
Shaft - FWD Fan		12400	6284	6116	
Tube Supt		15000	6284	8716	
Spool - 6-10 CPR RTR	GenX-2B67B	15000	3787	8118	
	GenX-2B67/P	10900	2249	5899	5899
Spool - 3-4 CPR TRT		15000	2249	12751	
Shaft - FWD		15000	6284	8716	
Seal - CDP		15000	6284	8716	
Blisk - STG1		15000	2249	12751	
Blisk - STG2		15000	2249	12751	
Blisk - STG5		15000	6284	8716	
Case - Combustor		15000	6284	8716	
Case - HPT STR		15000	6284	8716	
Disk - HPT STG1	GenX-2B67B	14100	2897	9088	
	GenX-2B67/P	15000	2249	9669	
Disk - HPT STG2	GenX-2B67B	15000	4035	8308	
	GenX-2B67/P	12700	2249	7034	
Seal		15000	6284	8716	
Seal - HPT		15000	6284	8716	
Seal - I/Stage		15000	6284	8716	
Shaft - A/O LPT Cone		15000	6284	8716	
Disk - LPTR 1		15000	2249	12751	
Disk - LPTR 2		15000	2249	12751	
Disk - LPTR 3		15000	2249	12751	
Disk - LPTR 4		15000	2249	12751	
Disk - LPTR 5		15000	2249	12751	
Disk - LPTR 6		15000	2249	12751	
Shaft - MID Fan		15000	6284	8716	

Landing Gear

Description:	Nose Landing Gear	Status:	On-Wing
Manufacture:	GOODRICH	Total Time Since New:	35 643
Part No.:	162U250-1	Total Cycles Since New:	6 541
Serial No.:		Ratio:	5.45
Next OH Due Date:	18/09/2022	As per:	07 Feb 2023
Description:	Body Right Hand	Status:	On-Wing
Manufacture:	GOODRICH	Total Time Since New:	35 643
Part No.:	163U2500-2	Total Cycles Since New:	6 541
Serial No.:		Ratio:	5.45
Next OH Due Date:	18/09/2022	As per:	07 Feb 2023
Description:	Wing Right Hand	Status:	On-Wing
Manufacture:	GOODRICH	Total Time Since New:	35 643
Part No.:	161U2500-2	Total Cycles Since New:	6 541
Serial No.:		Ratio:	5.45
Next OH Due Date:	18/09/2022	As per:	07 Feb 2023
Description:	Body Left Hand	Status:	On-Wing
Manufacture:	GOODRICH	Total Time Since New:	35 643
Part No.:	163U2500-1	Total Cycles Since New:	6 541
Serial No.:		Ratio:	5.45
Next OH Due Date:	18/09/2022	As per:	07 Feb 2023
Description:	Wing Left Hand	Status:	On-Wing
Manufacture:	GOODRICH	Total Time Since New:	35 643
Part No.:	161U2500-1	Total Cycles Since New:	6 541
Serial No.:		Ratio:	5.45
Next OH Due Date:	18/09/2022	As per:	07 Feb 2023

APU

Model: 3902712-02

Serial No.:

Location:

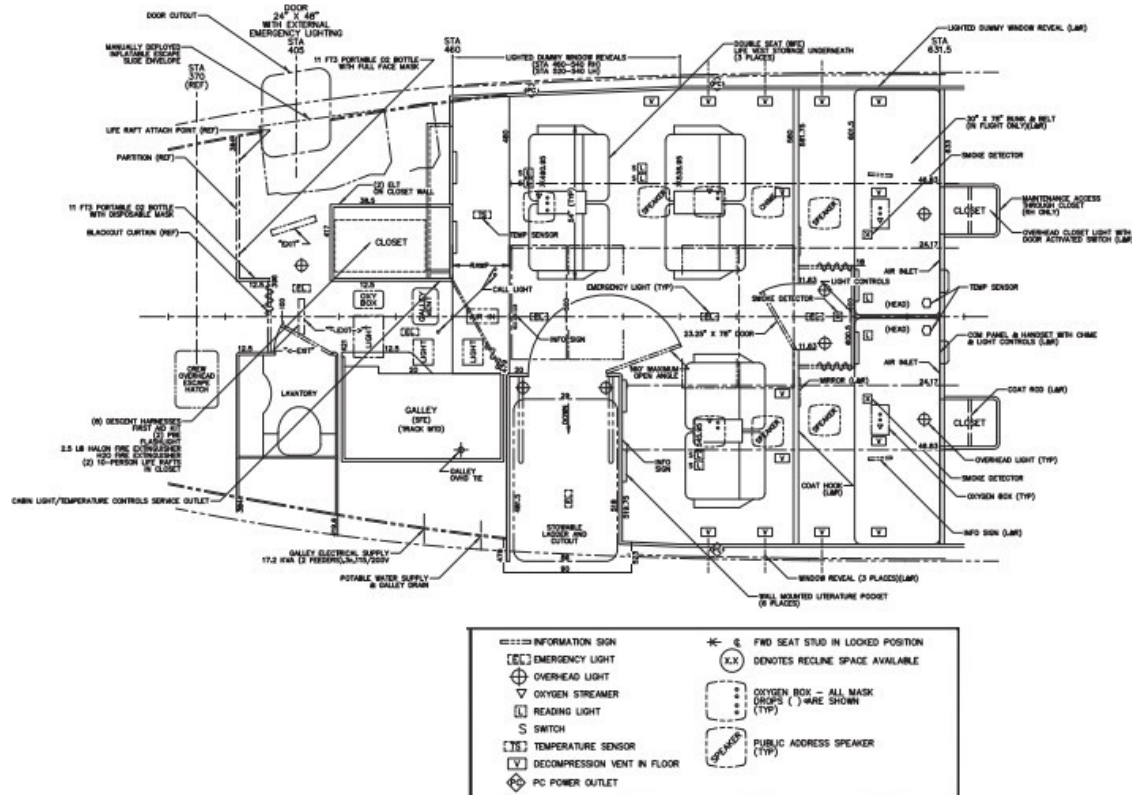
APU Total Time Since New : 8 540

APU Total Cycles Since New : 14 426

Ratio : -

As per : 07 Feb 2023

Supernumerary Compartment



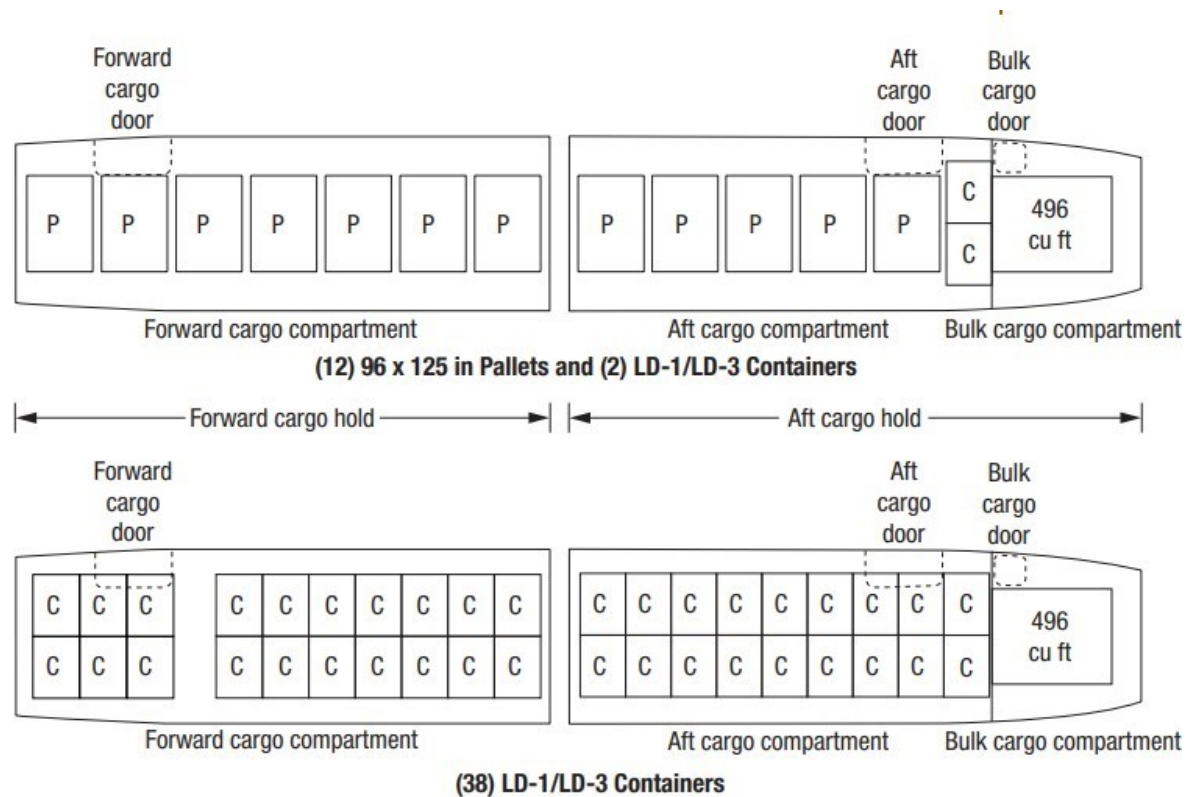
APPENDIX F

SUPERNUMERARY COMPARTMENT ARRANGEMENT

For reference only

CARGO COMPARTMENT

Lower Deck



* Pallet volume (P) is 407 cu ft and LD-1 container volume (C) is 175 cu ft per AS 1825

FIGURE 50-2
CARGO COMPARTMENTS - TWO TYPICAL LOWER DECK CONFIGURATIONS

Main Deck

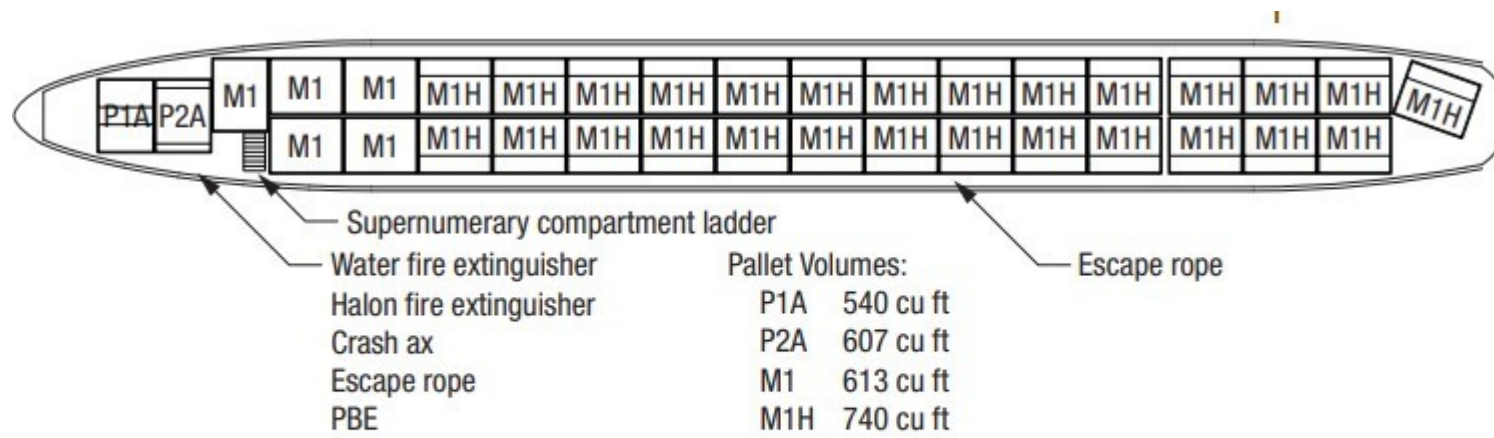


FIGURE 50-3
CARGO COMPARTMENTS - TYPICAL MAIN DECK CARGO COMPARTMENT
CONFIGURATION