

# Four (4) Lockheed C-130H Hercules

**Lockheed C-130H INFORMATION PACKET**



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## C-130H Status

Four (4) Aircraft LM MSN 4652, 4835, 4836 & 5003 are available pending USG Authorization/Approval as part of a negotiated C-130 aircraft and inventory acquisition from a foreign Government.

### All Aircraft have moderately low time

- Good Centre and Outer Wings
- Low Severity Factor and EBH

### Avionics Modernization

- Fully Integrated Avionic System
- From 1994 To 2002
- Includes provisions for Self Protection System
- Digital Fuel Quantity
- EIDS
- ALL SFAR 88 SBs (GFI INCLUDED)
- MILICAS (INTEGRATED)
- -4A Cargo Handling System

SpAF TAIL N°	TYPE	MODEL	YEAR	LM S/N	FLIIGHT HOURS	EBH
TL.10-01	C-130H-30	382T-55E	1983	5003	17,076	12,380
TK.10-07	KC-130H	382D-55D	1976	4652	16,084	16,228
T.10-08	C-130H	382C-92D	1979	4835	17,596	18,458
T.10-09	C-130H	382C-92D	1979	4836	19,296	20,570



# TL.10-01 C-130H-30 Configuration Data

POS.	ENGINES (T56-A-15LFE)			PROPELLERS (54H60-117)		
	S/N	TSO	TT	S/N	TSO	TT
#1	AE-11134	4,723	-	23.4185	3.489	-
#2	AE-111014	3,455	-	23.2867	2.119	-
#3	AE-110050	3,680	-	23.6982	2.396	-
#4	AE-112181	3,888	-	23.2866	4.038	-

LM S/N	SPECIFIC.	YEAR	PROCUREMENT CONTRACT	FLYING HOURS
5003	382T-55E	1983	N/A	17,076

APU	
P/N	381116-1-8
S/N	P-1178
ETI	N/A
TT	4.172



**Note:** Serial number of Engines/Propellers/APU to be confirmed

## TL.10-08 C-130H Configuration Data

POS.	ENGINES (T56-A-15LFE)			PROPELLERS (54H60-117)		
	S/N	TSO	TT	S/N	TSO	TT
#1	AE-112179	3,279	-	236381	4.164	-
#2	AE-109328	3,872	-	236924	4.919	-
#3	AE-111124	5,494	-	234013	3.572	-
#4	AE-109316	4,679	-	236377	7.502	-

LM S/N	SPECIFIC.	YEAR	PROCUREMENT CONTRACT	FLYING HOURS
4835	382C-92D	1979	GLX-376	17,596

APU	
P/N	381116-1-7
S/N	P-552
ETI	N/A
TT	8.252



**Note:** Serial number of Engines/Propellers/APU to be confirmed

## TL.10-09 C-130H Configuration Data

POS.	ENGINES (T56-A-15LFE)			PROPELLERS (54H60-117)		
	S/N	TSO	TT	S/N	TSO	TT
#1	AE-111019	3,640	-	234023	7,001	-
#2	AE-109317	3,588	-	241994	2,812	-
#3	AE-109375	5,454	-	236445	6,640	-
#4	AE-111002	4,282	-	236982	4,617	-

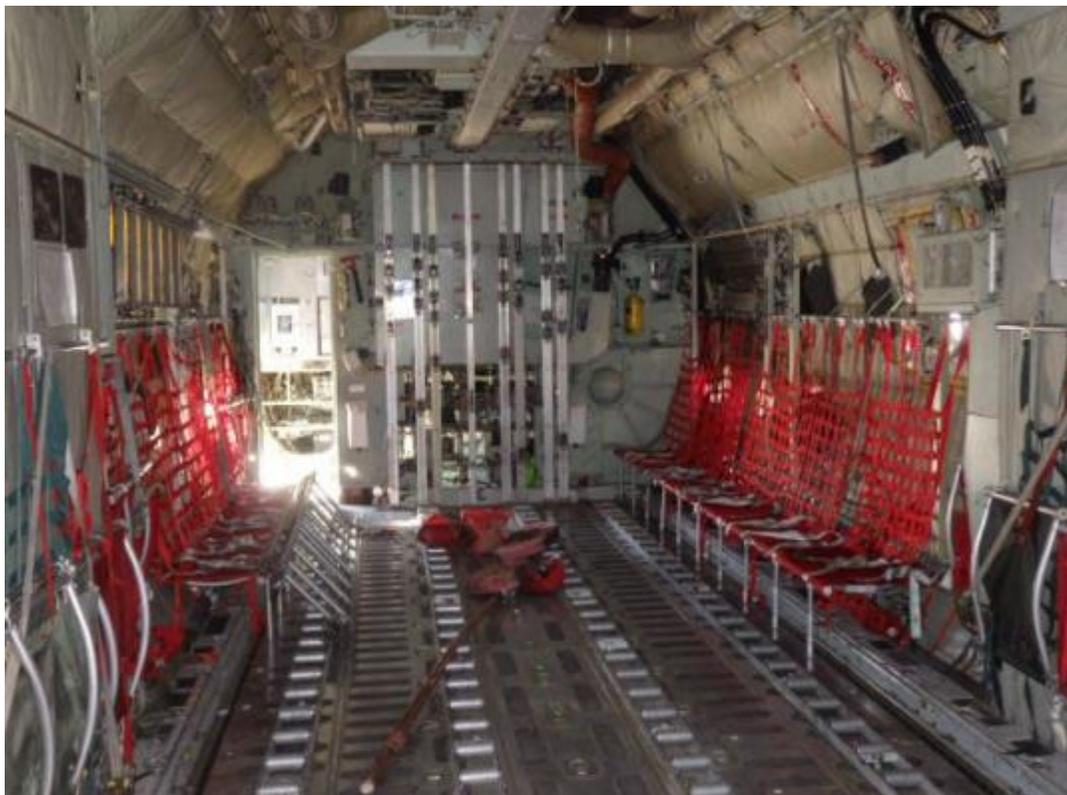
LM S/N	SPECIFIC.	YEAR	PROCUREMENT CONTRACT	FLYING HOURS
4836	382C-92D	1979	GLX-376	19,296

APU	
P/N	381116-1-7
S/N	P-1178
ETI	1,163
TT	12,110



**Note:** Serial number of Engines/Propellers/APU to be confirmed

## C-130H Cargo Compartment



# Avionics Configuration

Navigation	
Dual Inertial Nav Sensor	LN-100G + GPS integrated
Flight Control	
FLIGHT DIRECTOR Automatic Flight Control System	HONEYWELL(HW) (2) AFCPs (2) Mission Computers CDUs (3)
Automatic Flight Control Processor.	HW 5050183-9
Mission Computer	HW 5050185-9
Control Display Unit	HW 5160291

Radio Communication	
Intercom	(1) AN/AIC-18A
Public Address	(1) AN/AIC-13
Radio HF	(2) AN/ARC-217 with KY-10
Radio VHF	(2) 618M-4A /-5A
Radio UHF	(2) AN/ARC- 164(V)
ELT (406 Mhz)	HR SMITH 503-1

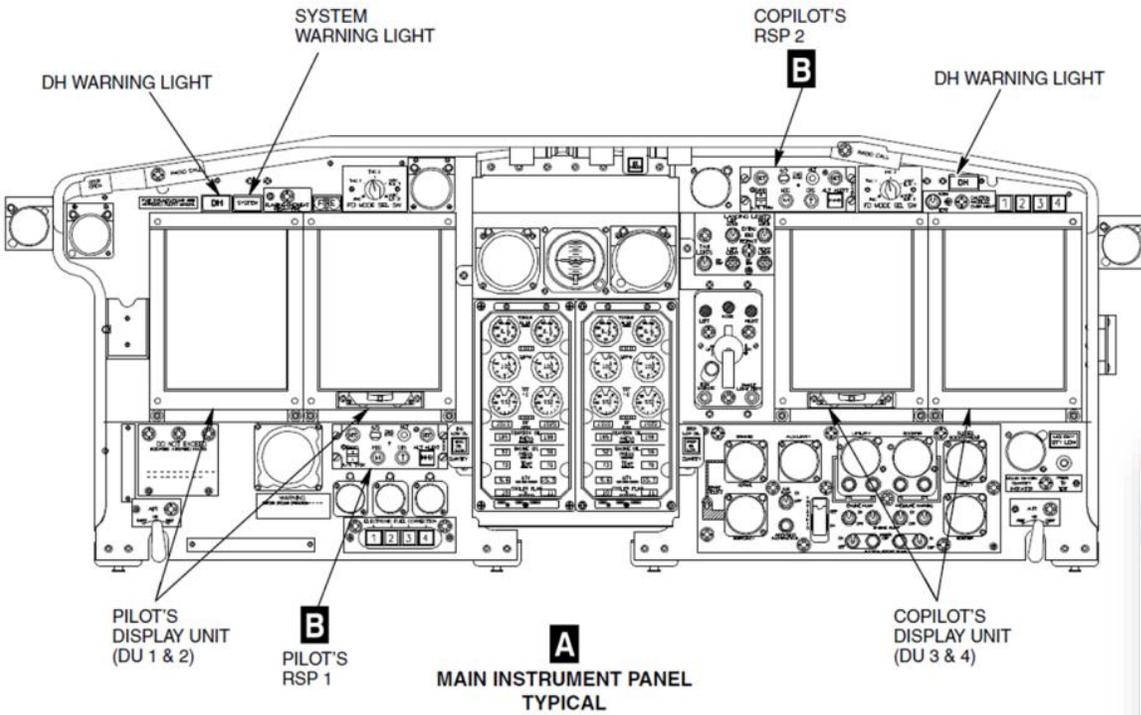
Radar Systems	
Weather and Search Radar System	BENDIX RDR-1400C
Radio Altimeter	(1) AL-101
IFF/SIF	(1) AN/APX- 119

Other System Components	
True Air Speed	(1) IDC-630
MILACAS-XR/TCAS II	(1)TAS-100
Missile Warning System	Provisions for AN/ALQ-156
Dispenser	Provisions for ALE-47

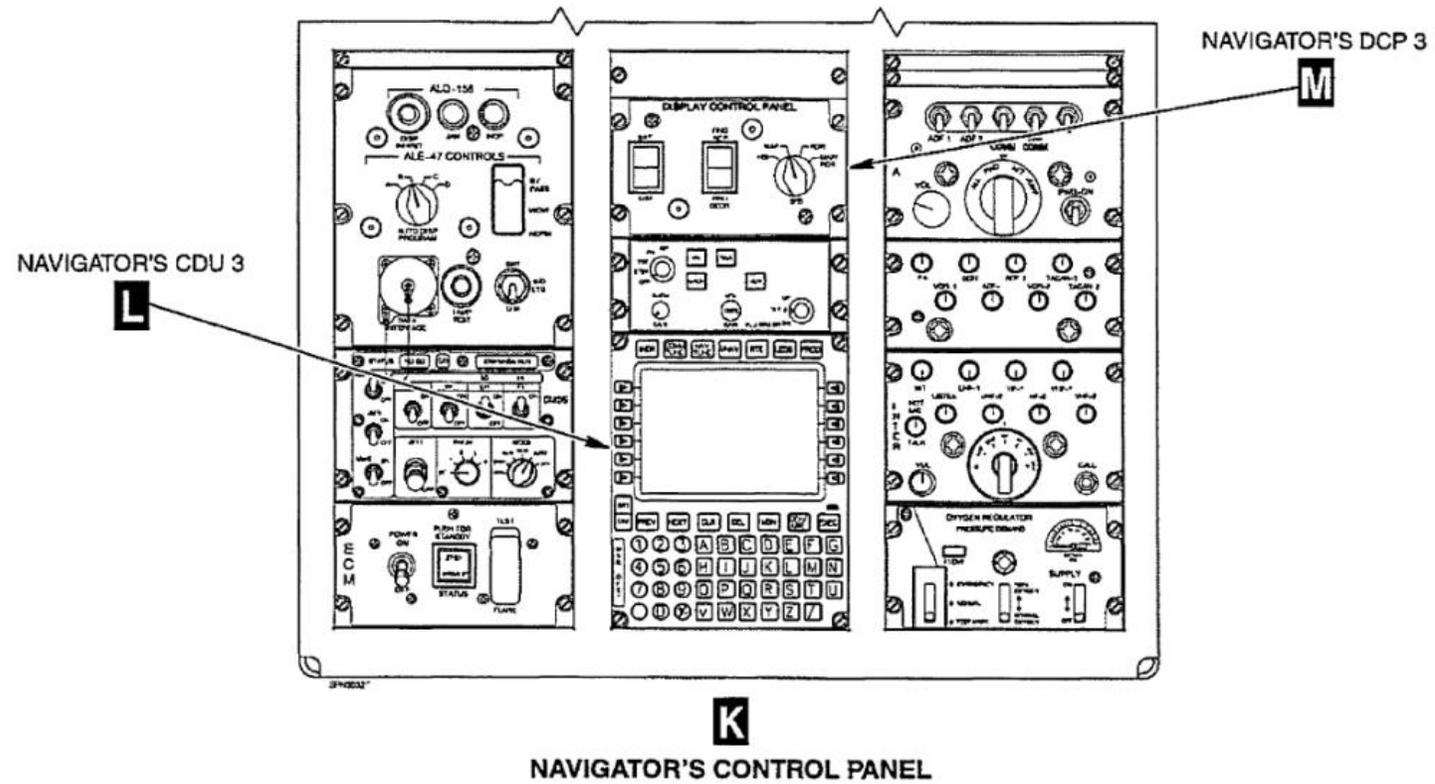
Radio Navigation	
ADF	(2) ARN-149
DF	(1) AN/ARA-50
VHF Nav VOR/ILS/GS/MB	(2) AN/ARN-147(V)
TACAN	(2) AN/ARN-118



# Avionics Cockpit Pilot/Co-Pilot

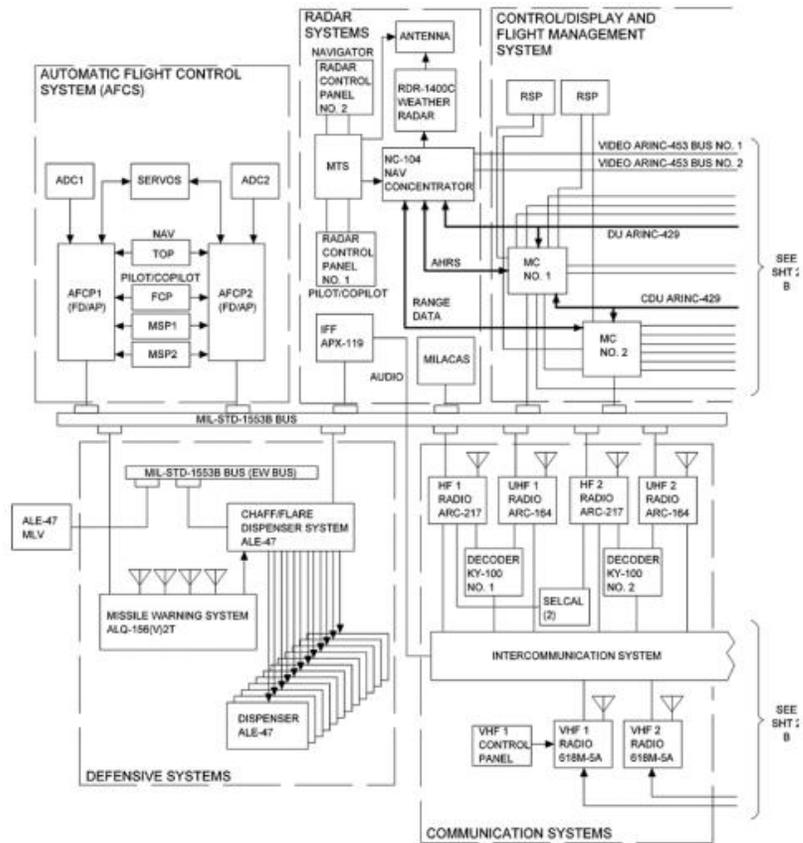


# Avionics Nav Station

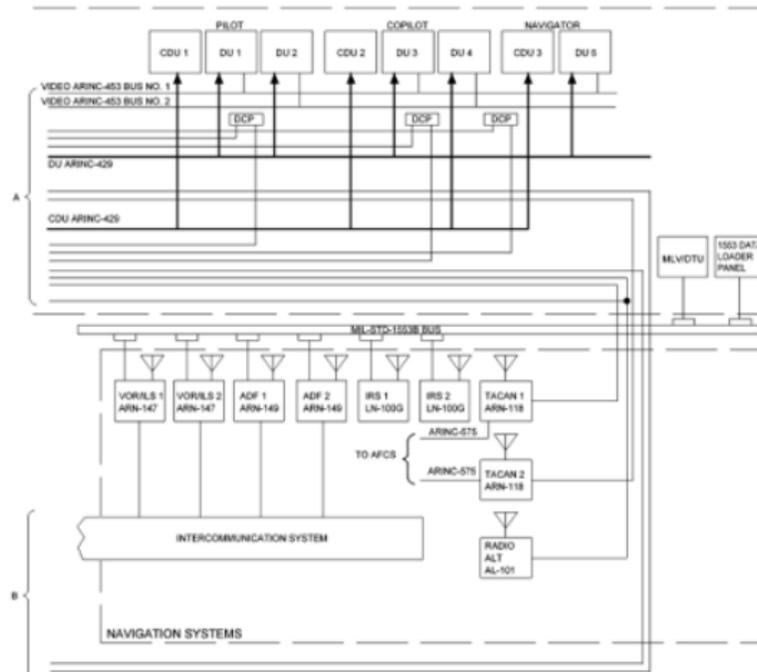


# Avionics Configuration 4835/5003

## Control Display and Flight Management System Interface Diagram



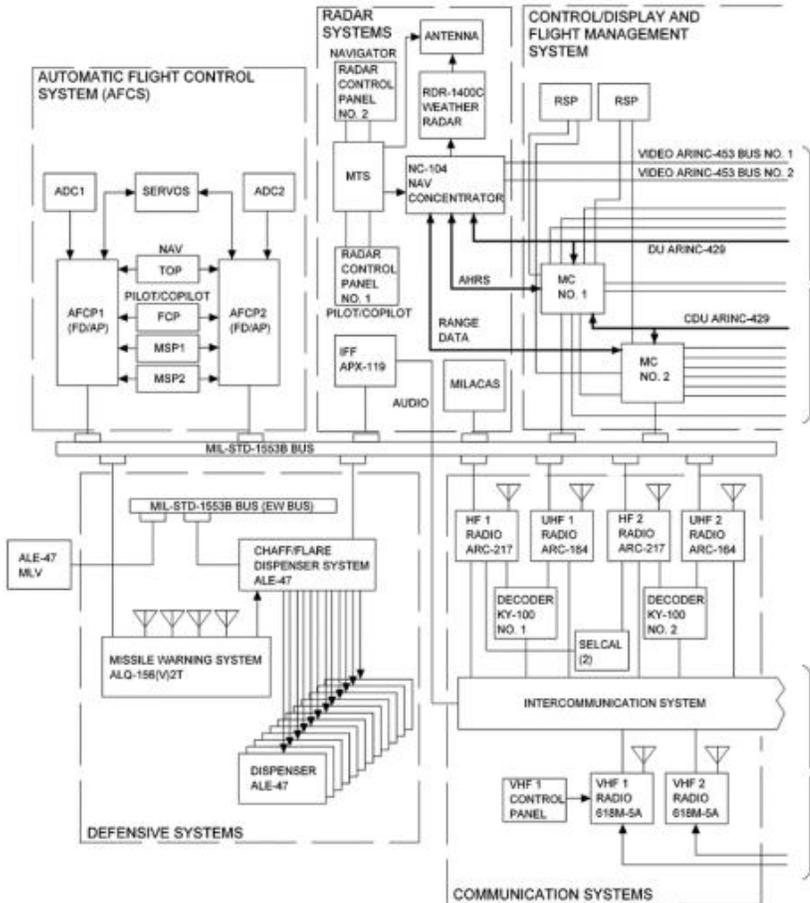
## Control/Display and Flight Management System (Airplanes Not Modified By 1T-10-873)



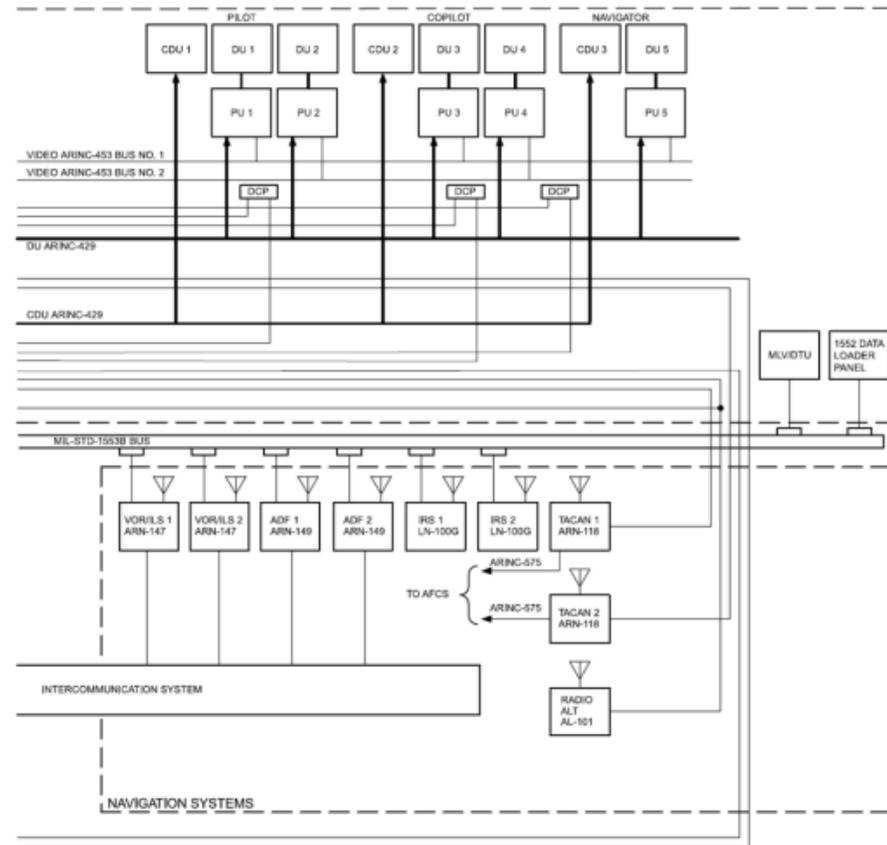
**Note:** Aircraft T.10-08 was not modified by 1T-10-872 and has the original HW Display Units (DU) P/N: 5050184-9.

# Avionics Configuration 4652/4836

## Control Display and Flight Management System Interface Diagram



## Control/Display and Flight Management System (Airplanes Modified by 1T-10-873)



**Note:** Aircraft T.10-09 modified by 1T-10-872 and has Display Units (DU) P/N: K9321013A130 and Processing Unit (PU) P/N: 0149919000000 installed.

## KC-130H Aircraft TK.10-07 MSN 4652

POS.	ENGINES (T56-A-15LFE)			PROPELLERS (54H60-117)		
	S/N	TSO	TT	S/N	TSO	TT
#1	AE-110996	4,709	-	238844	5.787	-
#2	AE-111054	1,522	-	232840	970	-
#3	AE-109317	4,193	-	241994	2.811	-
#4	AE-110043	2,362	-	234018	2.570	-

LM S/N	SPECIFIC.	YEAR	PROCUREMENT CONTRACT	FLYING HOURS
4652	382D-55D	1976	LAI-110	16,204

APU	
P/N	381116-1-7
S/N	P-560
ETI	N/A
TT	10,487



**Note:** Serial number of Engines/Propellers/APU to be confirmed

# TK.10-07 MSN 4652



# KC-130H Refueling Capability

## Operational Performance

The KC-130H with a low or variable speed drogue has been used to refuel a variety of helicopters including H-60 Blackhawk and CH-47 Chinook Helicopters fitted with air-to-air refueling probes.

Additionally, this aircraft can be utilized to refuel the following aircraft.

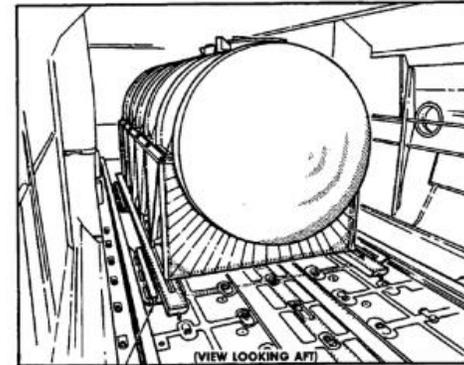
- F-18 (A/B/C/D) (USN, USMC, RCAF, SpAF).
- S-3 Viking (USN).
- Tornado IDS, ECR, F3, GR4/4A, PA 200 (Italian AF, GAF, RAF).
- Mirage
- Super PUMA
- V-22 Osprey
- Joint Strike Fighter
- SAAB Gripen



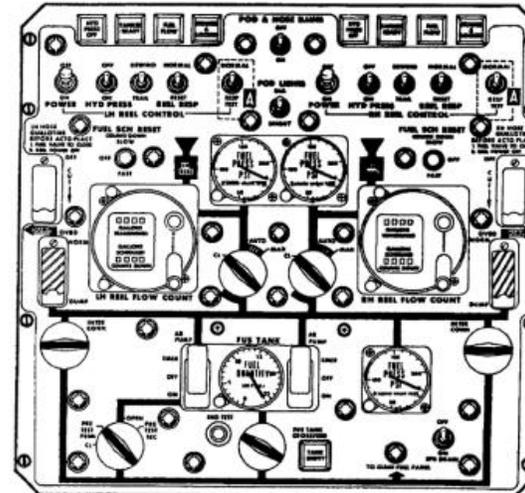
# TK.10-07 Air-to-Air Refueling



Includes the 3600 Gallon Fuselage Fuel Tank



Flight Engineer Overhead Panel For Tanker Operations



## Propulsion System LM Serial Numbers 5003, 4835, 4836, 4652

ENGINE SERIAL	INSTALLED	TSN	TSO		PROP SERIAL	TSN	TSO
AE-110996	4652 Engine 1	14,772.10	4,707.15		238844	11,257.35	5,905.55
AE-111054	4652 Engine 2	11,589.35	1,521.10		236933	13,733.35	2,028.15
AE-109325	4652 Engine 3	13,877.30	4,187.10		236460	13,751.00	3,307.40
AE-111019	4652 Engine 4	13,060.30	2,362.05		234009	14,761.25	3,681.30
AE-111134	5003 Engine 1	15,206.20	4,722.50		234185	12,243.30	3,489.10
AE-110043	5003 Engine 2	13,862.20	3,454.00		234018	13,661.30	2,570.50
AE-110050	5003 Engine 3	13,604.30	3,679.00		234012	14,323.25	3,744.00
AE-112181	5003 Engine 4	13,203.55	2,887.00		232866	16,762.50	5,038.20
AE-112179	4835 Engine 1	14,130.55	3,278.35		236381	14,046.35	4,164.10
AE-109328	4835 Engine 2	14,467.05	3,871.40		236924	14,529.00	4,919.55
AE-111124	4835 Engine 3	16,098.20	5,493.05		234013	13,435.20	3,592.05
AE-109316	4835 Engine 4	14,849.00	4,678.35		236377	12,536.45	7,420.25
AE-110997	4836 Engine 1	14,687.35	3,639.50		234023	16,431.35	7,000.00
AE-109317	4836 Engine 2	13,750.25	3,587.15		241994	7,951.20	2,811.40
AE-109375	4836 Engine 3	16,274.45	5,452.40		236445	12,146.00	6,638.55
AE-111002	4836 Engine 4	14,920.50	4,281.20		236982	14,847.00	4,616.25

## Required Depot Inspections

These Aircraft are currently following the Lockheed Martin SMP 515C-38 and are in long-term preserved storage. All aircraft require a C check Maintenance Inspection at a depot facility.



### Technical Documentation Available

Completely Updated Documentation Package  
(Lockheed Martin Contract)

- TM 382c-1-x (SpAF) Dec 2018
- From -1 To -15
- All Modifications Integrated
- All A/C Variants Included
- Flight Manual
- IPB (SMP 878 SpAF Only)





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