



U.S. Department of Transportation
Federal Aviation Administration
Washington, D.C.

Master Minimum Equipment List (MMEL)

Revision: 2
Date: 11/15/2013

SIKORSKY AIRCRAFT

S-58A, B, C, D, E, F, G, H, J
S-58BT, DT, ET, FT, HT, JT

(TCDS 1H11)

Chip Wood, Chair
Flight Operations Evaluation Board (FOEB)

Federal Aviation Administration
Fort Worth-Aircraft Evaluation Group (FTW-AEG)
2601 Meacham Blvd.
Fort Worth, Texas 76137

Telephone: (817)222-5270
FAX: (817)222-5295

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. I
--	--	-------------------

TABLE OF CONTENTS

JASC System	Title	Page No.		
	Cover Page			
	Table of Contents	I		
	Log of Revisions	II		
	Control Page	III		
	Highlights of Change	IV		
	Definitions	V		
	Preamble	VI		
	Guidelines for (M) & (O) Procedures	VII		
21	Air Conditioning	21-1		
22	Auto Flight	22-1		
23	Communications	23-1		
24	Electrical Power	24-1		
25	Equipment/Furnishings	25-1 thru 2		
26	Fire Protection	26-1		
28	Fuel	28-1		
30	Ice and Rain Protection	30-1		
31	Instruments	31-1		
33	Lights	33-1 thru 2		
34	Navigation	34-1 thru 6		
63	Main Rotor Drive	63-1		
73	Engine Fuel & Control	73-1		
77	Engine Indicating	77-1		

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. III
--	--	---------------------

CONTROL PAGE

Section/JASC System	Page No.	Rev. No.	Current Date
Cover Page		2	11/15/2013
Table of Contents	I	2	11/15/2013
Log of Revisions	II	2	11/15/2013
Control Page	III	2	11/15/2013
Highlights of Change	IV	2	11/15/2013
Definitions	V	2	11/15/2013
Preamble	VI	2	11/15/2013
Guidelines for (M) & (O) Procedures	VII	2	11/15/2013
21	21-1	2	11/15/2013
22	22-1	2	11/15/2013
23	23-1	2	11/15/2013
24	24-1	2	11/15/2013
25	25-1 thru 2	2	11/15/2013
26	26-1	2	11/15/2013
28	28-1	2	11/15/2013
30	30-1	2	11/15/2013
31	31-1	2	11/15/2013
33	33-1 thru 2	2	11/15/2013
34	34-1 thru 6	2	11/15/2013
63	63-1	2	11/15/2013
73	73-1	2	11/15/2013
77	77-1	2	11/15/2013

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. IV
--	--	--------------------

HIGHLIGHTS OF CHANGE

JASC	Item	Explanation
		<p>This Master Minimum Equipment List (MMEL) has been reformatted in compliance with the Federal Aviation Administration, Joint Aircraft System/Component (JASC) Code Table, and is available for download or viewing at: http://av-info.faa.gov/sdrx/references.aspx.</p> <p>This replaces the former Airline Transport Association (ATA) coding used in previous documents. JASC Coding is a four-digit number format and as the title suggests, it contains a System Code and a Component Code. The first two digits are the System Code which is similar to ATA Coding for their first two numbers. The last two digits in the JASC Code is the Component Code which defines the specific component. The item number is a sequential number given for additional Components with the same JASC Code.</p> <p>For Example: JASC Code 2410, where Code 24 represents the "Electrical Power" system, and Component Code 10, represents the "Alternator-Generator Drive" system.</p>
2500	-01	Added Policy Letter 116, Rev. 3, December 17, 2012 (NEF)
2562	-01	Added Policy Letter 120, Rev. 1, January 20, 2009 (ELT)
3130	-01	Added Policy Letter 29, Rev. 5, August 10, 2010 (CVR)
3300	-01	Added Policy Letter 127, Rev. 0, June 7, 2010 (NVIS)
3444	-02	Added Policy Letter 54, Rev. 10, October 31, 2005 (TAWS)
3445	-01	Added Policy Letter 32, Rev. 7, July 7, 2006 (TCAS I)
3445	-02	Added Policy Letter 32, Rev. 7, July 7, 2006 (TCAS II)
3452	-01	Added Policy Letter 76, Rev. 5, March 24, 2008 (Transponders & AARS)
3452	-02	Added Policy Letter 105, Rev. 1, January 20, 2009 (ADSB)
3461	-01	Added Policy Letter 98, Rev. 0, January 20, 1999 (Navigation Databases) Flight Management System (FMS)
3461	-02	Added Policy Letter 98, Rev. 0, January 20, 1999 (Navigation Databases) Navigation Management System (NMS)

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MASTER MINIMUM EQUIPMENT LIST		
AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. V
DEFINITIONS		

The Definitions must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-25.

The 14 CFR Regulatory requirements applicable to specific MMEL chapters can be found in PL-25, Appendix A. Regulatory requirements must be incorporated into specific MEL relief by the MEL user in accordance with the kinds of operations being conducted by the user.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. VI
PREAMBLE		

The applicable preamble must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-34, MMEL AND MEL PREAMBLE, or FAA MMEL Policy Letter PL-36, 14 CFR Part 91 MEL APPROVAL.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. VII
--	--	---------------------

GUIDELINES FOR (M) & (O) PROCEDURES

JASC	Item	Explanation
------	------	-------------

The FOEB has identified a need for certain procedures to provide an adequate level of safety while providing relief for some items. These procedures must be established by the operator and may be based on the aircraft manufacturer's recommended procedures, Supplemental Type Certificate modifier's recommended procedures, or equivalent operator procedures. When recommended procedures are published the operator should comply with these procedures. If recommended procedures are not published, the following guidelines delineate the aspects to be considered by the operator in the development of required procedures:

2140	-01	(M) Procedure to inspect, deactivate, and secure heater.	
2340	-01	(O) Alternate procedure to comply with 14 CFR.	
2500	-01	(M)(O) Procedures, if required, must be available to the flight crew and included in the operator's appropriate document	
2520	-02	(M) May be inoperative provided the inoperative system is deactivated, secured and placarded	
2562	-01	(M) Procedure to inspect, deactivate, and secure system.	
2841	-01	(O) Alternate procedure to determine the fuel quantity is available and utilized.	
3340	-09	(O) Alternate procedure to comply with 14 CFR.	
3444	-02	(O) Alternate procedure to comply with 14 CFR.	
3445	-01	(M) Procedure to inspect, deactivate, and secure system.	
3445	-02	(M) Procedure to inspect, deactivate, and secure system.	
3445	-02	(O) Alternate procedure to comply with 14 CFR.	
3461	-01	(O) Alternate procedure to comply with 14 CFR.	
3461	-02	(O) Alternate procedure to comply with 14 CFR.	
6321	-01	(M) Procedure to inspect, deactivate, and secure rotor brake.	
6340	-01	(M) Procedure to inspect, deactivate, and secure rotor brake.	
7312	-01	(M) Procedure to inspect, deactivate, and secure system.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 21-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

21. AIR CONDITIONING					
2100-01	Blower, Fresh Air Without Combustion Heater	C	-	0	
2140-01	Combustion Heater	C	-	0	(M) May be inoperative provided heater is inspected, deactivated, and secured.
2140-02	Bleed Air Heater	C	-	0	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT		REVISION NO. 2 DATE: 11/15/2013		PAGE NO. 22-1	
JASC SYSTEM & TITLE		1. REPAIR CATEGORY			
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED			
		3. NUMBER REQUIRED FOR DISPATCH			
		4. REMARKS & EXCEPTIONS			
22. AUTO FLIGHT					
2200-01	Stabilization Augmentation System	C	1	-	May be inoperative for VFR.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT		REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 23-1
JASC SYSTEM & TITLE		1. REPAIR CATEGORY	
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED	
		3. NUMBER REQUIRED FOR DISPATCH	
		4. REMARKS & EXCEPTIONS	

23. COMMUNICATIONS					
2300-01	Communications Systems (FM)	C	-	0	As required by 14 CFR.
2300-02	Crew Interphone System	B	1	0	May be inoperative for single pilot operations provided there is no interference with required radio operations.
2310-01	Communications Systems (HF)	C	-	0	As required by 14 CFR.
2311-01	Communications Systems (UHF)	C	-	0	As required by 14 CFR.
2312-01	Communications Systems (VHF)	C	-	0	As required by 14 CFR.
2340-01	Cabin P.A. System	A	-	0	(O) May be inoperative provided: a) Alternate normal and emergency procedures and/or operating restrictions are established and utilized for passenger notification, and b) Aircraft may continue flight or a series of flights for a maximum of 15 hours, but shall not depart airport where repairs or replacements can be made, OR c) For non-passenger carrying operations.
		C	-	-	
		C	-	-	
2340-02	Cabin-to-Cockpit Telephone	C	-	0	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 24-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

24. ELECTRICAL POWER						
2420-01	Starter/Generator	B	2	1	One generator function may be inoperative for VFR operations.	
2422-01	Inverter	B	2	1	One may be inoperative for VFR.	
2430-01	Volt-Ammeter, DC	C	-	0	May be inoperative provided one voltmeter is operative.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 25-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

25. EQUIPMENT/FURNISHINGS					
2500-01	NEF Items	-	-	0	May be inoperative, damaged or missing provided that the item(s) is deferred in accordance with the NEF deferral program. NEF program, procedures and processes are outlined in the operator's manual. (M)(O) Procedures, if required, must be available to the flight crew and included in the operator's appropriate document.
2510-01	Crew Member Shoulder Harness	B	2	0	If harness becomes inoperative, aircraft shall not depart airport where repairs or replacements can be made.
2520-01	Passenger Seat Belts	C	-	0	One required for each occupied seat. If belt is inoperative or missing, seat must be blocked and placarded.
2520-02 ***	EMS Equipment Special/Mission Equipment (e.g. Cargo Hook, Rescue Hoist, Loud-speaker, EMS Equipment, etc.)	C C	- -	0 -	(M) May be inoperative provided system is deactivated and secure. May be inoperative provided the inoperative system is deactivated, secured and placarded. NOTE: Appropriate maintenance action has to be developed by the operator.
2560-01	Helicopter Flotation System	C	-	0	As required by 14 CFR.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 25-2
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

25. EQUIPMENT/FURNISHINGS (Cont'd)					
2562-01 ***	Emergency Locator Transmitter (ELT) Survival Type ELTs	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing. (M) May be inoperative, provided: a) System is deactivated, b) Repairs are made within 90 days. May be missing, provided repairs are made within 90 days. (M) Any in excess of those required by 14 CFR, may be inoperative, provided system is deactivated. Any in excess of those required by 14 CFR may be inoperative or missing.
	Fixed ELTs	A	-	0	
		A	-	0	
		D	-	-	
		D	-	-	
2562-02 ***	Automatically Deployable Emergency Locator Transmitter	-	-	-	As required by 14 CFR.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 26-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

26. FIRE PROTECTION					
2622-01 ***	Portable Fire Extinguisher	-	-	-	As required by 14 CFR.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 28-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

28. FUEL					
2822-01	Fuel Booster Pump	C	2	1	One may be inoperative provided cross feed valve is closed when operating with minimum fuel.
2822-02	Fuel Booster Pump Caution Light (“#1/2 Eng Fuel Pump”) or (“#1/2 Fuel Pump”)	C	2	1	One may be inoperative, caution light illuminated with the switch in the, on position, provided respective Fuel Booster Pump is checked with cross feed closed and found operative prior to flight.
2841-01	Fuel Quantity Indicator	C	2	1	(O) One may be inoperative provided approved alternate means for determining fuel quantity is available and utilized.
2842-01	Fuel Totalizer	C	-	0	
2844-01	Fuel Flow Indicator System	C	-	0	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 30-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

30. ICE AND RAIN PROTECTION						
3030-01	Pitot Tube Heater	B	-	0	May be inoperative provided: a) For VFR flight, b) Ambient temperatures are above +2°C (+35° F), and c) Operations are not conducted in precipitation, OR d) Single pilot operations, and e) Right Pitot Tube Heater is operative.	
3040-01	Windshield Wipers	C	2	0	May be inoperative provided operations are not conducted in precipitation during takeoff or landing phases.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 31-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

31. INSTRUMENTS					
3120-01	Clock (Displaying Hours, Minutes, and Seconds with Sweep Second Pointer or Digital Presentation)	C	-	1	Operative clock must be located on the instrument panel in a position that makes it plainly visible to, and usable by, any pilot at the pilot's station.
		C	-	0	May be inoperative for VFR provided Elapsed Timer is installed and operative.
3120-02	Elapsed Timer	C	-	0	May be inoperative provided Clock is operative.
3130-01 ***	Cockpit Voice Recorder (CVR) (Combined with FDR Unit) CVFDR	A	1	0	May be inoperative, provided: a) Flight Data Recorder (FDR) operates normally, b) Repairs are made within three flight days.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 33-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
ASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

33. LIGHTS					
3300-01	NVG Compatible Lighting System	C	-	-	Unaided operation (without NVG's) may be permitted with inoperative NVG supplemental lights; cracked or missing filters; provided the remaining lights are: a) Sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Positioned so that direct rays are shielded from flight crew-members eyes, c) Lighting configuration and intensity is acceptable to the flight crew.
3340-01	Navigation (Position) Light System	C	1	0	May be inoperative for day VFR operations.
3340-02	Anti-Collision Light System	B	1	0	May be inoperative for day operations.
3340-03	Cockpit Instrument Lighting Systems	B	-	0	May be inoperative provided: a) Sufficient lighting is operative to make each other required instrument, control, and other device for which it is provided easily readable, b) Direct rays and reflections do not impair visibility either inside or outside aircraft, c) Lighting intensity can be controlled or preset to be satisfactory level for the expected flight conditions, and d) Lighting configuration at dispatch is acceptable to flight crew. OR

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 33-2
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

33. LIGHTS (Cont'd)					
3340-03 (Cont'd)	Cockpit Instrument Lighting Systems	B	-	0	e) Left pilot station instrument lights may be inoperative for single pilot operations.
3340-04	Landing Lights 1) Fixed 2) Controllable	C C	- -	0 0	As required by 14 CFR. As required by 14 CFR.
3340-05	Pilot Map Light	C	-	0	May be inoperative provided Cockpit Dome Light (Item 3340-06) is operative.
3340-06	Cockpit Dome Light	C	1	0	May be inoperative provided: a) For day VFR, OR b) Pilot Map Light (Item 3340-05) is operative.
3340-07 ***	Lights for Amphibious Operations	-	-	-	As required by 14 CFR.
3340-08	Internal Combustion Heater Advisory Light	C	-	0	May be inoperative provided Heater is deactivated and secured.
3340-09	Passenger Notice System (Fasten Seat Belt- No Smoking)	B	1	0	(O) May be inoperative provided: a) Passengers are not carried. OR b) Alternate procedures are used for passenger notification. OR c) Public address system is installed and operative.
3340-10	Passenger Step Light	C	-	0	
3340-11	Cargo Flood Light	C	-	0	
3340-12	Anti-Dazzle Lights	C	-	0	
3340-13	Strobe Light System	C	-	0	
3340-14	Supplemental Lighting System	C	-	0	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

34. NAVIGATION					
3411-01	Slip-Skid Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3412-01	OAT/Free Air Temperature Gauge	C	1	0	May be inoperative provided temperature can be obtained from approved alternate onboard source.
3413-01	Vertical Speed Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3414-01	Airspeed Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3416-01	Sensitive Altimeter Adjustable for Barometric Pressure	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3421-01	Gyroscopic Pitch and Bank Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3422-01	Gyroscopic Direction Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3424-01	Gyroscopic Rate-of-Turn Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3424-02	Standby Attitude Indicator	B	-	0	May be inoperative for VFR flight conditions.
3424-03	Slip-Skid Indicator	B	2	1	Left pilot station indicator may be inoperative for single pilot operations.
3432-01	Navigation Systems (ILS)	C	-	0	As required by 14 CFR.
3434-01	Marker Beacon	C	-	0	May be inoperative provided approach is not predicated on its use.
3442-01	Airborne Weather Radar	C	-	0	As required by 14 CFR.
3444-01	Radar Altimeter System	C	-	0	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-2
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

34. NAVIGATION (Cont'd)						
3444-02 ***	Terrain Awareness and Warning System (TAWS)/(EGPWS)	C	1	0	(O) May be inoperative, provided alternate procedures are established and used. NOTE: Any mode that operates normally may be used.	
3445-01 ***	Traffic Alert and Collision Avoidance System (TCAS I)	B	-	0	(M) May be inoperative provided: a) System is deactivated and secured, b) Enroute or approach procedures do not require its use.	
		C	-	0	(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, c) Enroute or approach procedures do not require its use.	
3445-02	Traffic Alert and Collision Avoidance System (TCAS II)	B	-	0	(M) May be inoperative provided: a) System is deactivated and secured, b) Enroute or approach procedures do not require its use.	
		C	-	0	(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, c) Enroute or approach procedures do not require its use.	
	1) Combined Traffic Alert (TA) and Resolution Advisory (RA) Dual Display System(s)	C	2	1	May be inoperative on the non-flying pilot side provided: a) TA and RA visual display is operative on flying pilot side, b) TA and RA audio function is operative on flying pilot side.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-3
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

34. NAVIGATION (Cont'd)						
3445-02 (Cont'd)	2) Resolution Advisory (RA) Display System(s)	C	2	1	May be inoperative on the non-flying pilot side.	
		C	-	0	(O) May be inoperative provided: a) Traffic Alert (TA) visual display and audio functions are operative, b) TA only mode is selected by the crew, c) Enroute or approach procedures do not require its use.	
	3) Traffic Alert Display System(s)	C	-	0	(O) May be inoperative provided: a) RA visual display and audio functions are operative, b) Enroute or approach procedures do not require its use.	
	4) Audio Functions	B	1	0	May be inoperative provided enroute or approach procedures do not require use of TCAS.	
	5) Airspace Selection Function	C	-	0		
3451-01	DME	C	-		May be inoperative provided approach is not predicated on its use.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-4
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY	
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED	
		3. NUMBER REQUIRED FOR DISPATCH	
		4. REMARKS & EXCEPTIONS	

34. NAVIGATION (Cont'd)						
3452-01	Transponders & Automatic Altitude Reporting Systems	B	-	0	May be inoperative, provided: a) Operations do not require its use, b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over the planned route of flight.	
		D	-	1	Any in excess of those required by 14 CFR may be inoperative.	
	1) Elementary and Enhanced Downlink Aircraft Reportable Parameters not required by 14 CFR	A	-	0	May be inoperative, provided: a) Operations do not require its use, b) Repairs are made prior to completion of next scheduled maintenance visit.	
	2) ADS-B Squitter Transmission	A	-	0	May be inoperative provided: a) Operations do not require its use, b) Repairs are made prior to completion of next scheduled maintenance visit.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-5
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

34. NAVIGATION (Cont'd)					
3452-02	Automatic Dependent Surveillance-Broadcast (ADS-B) System	D	-	0	May be inoperative provided it is not required by 14 CFR. NOTE: If ADS-B is installed in lieu of or as a replacement for 14 CFR required equipment, repair category in the operator's MEL will be same as that of 14 CFR required equipment.
	1) Cockpit Display and Traffic Information (CDTI)	D	-	0	NOTE: Cockpit Display Traffic of Information (CDTI) display of data from other aircraft systems may be used.
	2) CDTI Control Panel	D	-	0	May be inoperative provided: a) Flight ID can be set, and b) Screen display is acceptable to the flight crew.
	3) Data Link Transmitter(s)	D	-	0	NOTE: In some aircraft the Data Link transmission is an integral part of transponder and relief is provided in that section.
	4) Data Link Receivers	D	-	0	
	5) ADS-B Applications	D	-	0	
3457-01	Global Positioning System(s)	C	-	0	As required by 14 CFR.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 34-6
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

34. NAVIGATION (Cont'd)						
3461-01 ***	Flight Management System (FMS)	C	-	-	(O) May be out of currency provided: a) Current Aeronautical Charts are used to verify Navigation Fixes prior to dispatch, b) Procedures are established and used to verify status and suitability of Navigation Facilities used to define route of flight, c) Approach Navigation Radios are manually tuned and identified.	
3461-02 ***	Navigation Management System (NMS)	C	-	-	(O) May be out of currency provided: a) Current Aeronautical Charts are used to verify Navigation Fixes prior to dispatch, b) Procedures are established and used to verify status and suitability of Navigation Facilities used to define route of flight, c) Approach Navigation Radios are manually tuned and identified.	

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 63-1
--	--	----------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

63. MAIN ROTOR DRIVE					
6321-01 ***	Rotor Brake System	C	1	0	(M) May be inoperative provided: a) Maintenance inspection determines the rotor disc is free, b) System is rendered inoperative.
6340-01	Rotor Brake Warning Light	C	1	0	(M) May be inoperative provided: a) Maintenance inspection determines the rotor disc is free, b) System is rendered inoperative.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 73-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

73. ENGINE FUEL & CONTROL					
7312-01	Engine Air Line Heater	C	2	0	(M) May be inoperative provided: a) System is deactivated, b) Operations are conducted above +2°C (+35°F) outside air temperature.

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MASTER MINIMUM EQUIPMENT LIST**

AIRCRAFT: S-58A, B, C, D, E, F, G, H, J S-58BT, DT, ET, FT, HT, JT	REVISION NO. 2 DATE: 11/15/2013	PAGE NO. 77-1
--	------------------------------------	------------------

JASC SYSTEM & TITLE		1. REPAIR CATEGORY		
JASC CODE & ITEM NO.	COMPONENT DESCRIPTION	2. NUMBER INSTALLED		
		3. NUMBER REQUIRED FOR DISPATCH		
		4. REMARKS & EXCEPTIONS		

77. ENGINE INDICATING					
7711-01	Gas Generator Tachometer System (NG)	C	2	1	One may be inoperative provided: a) Engine start is not required, b) Operations are limited to 2,000 feet density altitude for PT6T-3 equipped aircraft, OR c) Operations are limited to 6,500 feet density altitude for PT6T-6 equipped aircraft, and d) Power assurance check completed same day is satisfactory.
7714-01	Tachometer, Triple Indicator	C	-	1	Left pilot station indicator may be inoperative for single pilot operations.
7722-01	Dual Torque Indicator				Left pilot station indicator may be inoperative for single pilot operations