



U.S. Department of Transportation
Federal Aviation Administration
Washington, DC

Master Minimum Equipment List (MMEL)

Revision: 5
Date: 09/18/2020

Leonardo S.p.A.
A119, AW119 MKII
(TCDS H7EU)

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REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. I

AIRCRAFT:
 A119, AW119 MKII

TABLE OF CONTENTS

SYSTEM NO.	SYSTEM	PAGE NO.
--	Cover Page	--
--	Table of Contents	I
--	Control Page	II
--	Log of Revisions	III
--	Highlights of Change	IV thru VIII
--	Definitions and Preamble	IX
--	Guidelines for (M) and (O) Procedures	X thru XVI
21	Air Conditioning	21-1
22	Autoflight	22-1
23	Communications	23-1 thru 4
24	Electrical Power	24-1
25	Equipment/Furnishings	25-1 thru 4
26	Fire Protection	26-1
27	Flight Controls	27-1
28	Fuel	28-1
30	Ice and Rain Protection	30-1
31	Instruments	31-1
32	Landing Gear	32-1
33	Lights	33-1 thru 4
34	Navigation	34-1 thru 9
35	Oxygen	35-1
45	Central Maintenance System	45-1
52	Doors	52-1
63	Main Rotor Drive	63-1
64	Tail Rotor	64-1
67	Rotor Flight Controls	67-1
71	Powerplant	71-1

NOTE: This MMEL also incorporates relief for part 91 operations.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. II

AIRCRAFT:
 A119, AW119 MKII

CONTROL PAGE

SYSTEM NO.	PAGE NO.	REV. NO.	DATE
Cover Page	--	5	09/18/2020
Table of Contents	I	5	09/18/2020
Control Page	II	5	09/18/2020
Log of Revisions	III	5	09/18/2020
Highlights of Change	IV thru VIII	5	09/18/2020
Definitions and Preamble	IX	5	09/18/2020
Guidelines for (M) and (O) Procedures	X thru XVI	5	09/18/2020
21. Air Conditioning	21-1	5	09/18/2020
22. Autoflight	22-1	5	09/18/2020
23. Communications	23-1	5	09/18/2020
	23-2	4b	11/08/2019
	23-3	5	09/18/2020
	23-4	4b	11/08/2019
24. Electrical Power	24-1	4b	11/08/2019
25. Equipment/Furnishings	25-1	4b	11/08/2019
	25-2 thru 3	5	09/18/2020
	25-4	4b	11/08/2019
26. Fire Protection	26-1	4b	11/08/2019
27. Flight Controls	27-1	5	09/18/2020
28. Fuel	28-1	4b	11/08/2019
30. Ice and Rain Protection	30-1	5	09/18/2020
31. Instruments	31-1	5	09/18/2020
32. Landing Gear	32-1	5	09/18/2020
33. Lights	33-1	5	09/18/2020
	33-2	4b	11/08/2019
	33-3 thru 4	5	09/18/2020
34. Navigation	34-1 thru 4	5	09/18/2020
	34-5	4b	11/08/2019
	34-6	5	09/18/2020
	34-7	4b	11/08/2019
	34-8 thru 9	5	09/18/2020
35. Oxygen	35-1	5	09/18/2020
45. Central Maintenance System	45-1	5	09/18/2020
52. Doors	52-1	5	09/18/2020
63. Main Rotor Drive	63-1	4a	07/01/2016
64. Tail Rotor	64-1	5	09/18/2020
67. Rotor Flight Controls	67-1	5	09/18/2020
71. Powerplant	71-1	5	09/18/2020

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. III

AIRCRAFT:
 A119, AW119 MKII

LOG OF REVISIONS

REV NO.	DATE	PAGE NO.
Original	10/10/2002	Original.
1	10/25/2002	Highlights of Change, Definitions, 22-1, 29-1, 32-1, 65-1
1a	12/01/2004	Highlights of Change, Definitions, 33-2, 34-1
1b	05/03/2007	Highlights of Change, Definitions, 25-2
2	10/27/2013	Conversion to Joint Aircraft System/Component (JASC) Coding, Incorporation of Global Change (GC) Policy Letters.
3	03/24/2014	Incorporation of additional Global Change (GC) Policy Letters.
4	08/14/2015	Added Page VII titled "Incorporated Policy Letters". Added Sections 64 and 71 to incorporate STC's for additional relief. Other minor editing as noted by change bars in the right hand column.
4a	07/01/2016	Removed Page VII titled "Incorporated Policy Letters". Revised REMARKS OR EXCEPTIONS for item 3300-02. Other minor editing as noted by change bars in the right hand column. Revised formatting for compliance to Section 508 of the Rehabilitation Act of 1973.
4b	11/08/2019	Cover Page, Table of Contents and Control Page, Log of Revisions, Highlights of Change, Definitions and Preamble, Guidelines for (M) and (O) Procedures, 23-1 thru 3, 24-1, 25-1, 25-4, 26-1, 28-1, 30-1, 31-1, 33-2 thru 33-3, 34-1, 34-3 thru 13.
5	09/18/2020	Cover page, Table of Contents and Control Page, Log of Revisions, Highlights of Change, Guidelines for (M) and (O) Procedures, 21-1, 22-1, 23-1, 23-3, 25-2 thru 3, 27-1, 30-1, 31-1, 32-1, 33-1, 33-3 thru 4, 34-1 thru 4, 34-6, 34-8 thru 9, 35-1, 45-1, 52-1, 64-1, 67-1, 71-1.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. IV

AIRCRAFT:
 A119, AW119 MKII

HIGHLIGHTS OF CHANGE

This Master Minimum Equipment List (MMEL) has been reformatted in compliance with the Federal Aviation Administration, Joint Aircraft System/Component (JASC) Code Table, and Definitions are available for download or viewing at:

Joint Aircraft System/Component (JASC) Code Table and Definitions.

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 are the Component Code, which defines the specific component. The item number is a sequential number given for additional Components with the same JASC Code.

Example: JASC Code 2410, where Code 24 represents the “Electrical Power” system, and Component Code 10 represents the “Alternator-Generator Drive” system.

The following changes are the Highlights of Changes for **Revision 5**. It is the result of a public Flight Operations Evaluation Board (FOEB) meeting held on **6/14/2019**.

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
General	--	Minor editorial corrections were made throughout the document that do not affect the reliefs and are not indicated with change bars. These editorial corrections may be adopted in minimum equipment lists (MEL) at the operator’s discretion.
--	NOTE ALL PAGES	FAA MMEL validated against AW119 MMEL, Revision A, approved by EASA on 12/15/2015.
21-1	2100-02	Revised description (removed STC name).
22-1	2200-01	Added Autopilot relief IAW PL-101, for partial STC relief. Changed some of the repair categories. Other items renumbered (2210-01 thru -03).
23-1	2300-01	Revised proviso.
23-1	2300-02	Revised item name.
23-1	2300-03	Added relief for Passenger Intercom System.
23-1	2300-05	Added relief for Headset/Helmet (Cockpit).
23-1	2300-06	Added relief for Headset/Helmet (Cabin Crew).
23-1	2300-07	Added relief for Passenger Headsets.
23-3	2312-02	Added relief for VHF Radio excluding G1000H.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. V

AIRCRAFT:
 A119, AW119 MKII

HIGHLIGHTS OF CHANGE

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
23-3	2340-01	Added relief for Passenger Address System (PA) IAW PL-9. Removed original relief for "Cabin Speaker/Passenger Interphone System".
23-3	2340-02	Revised description (moved PA to 2340-01) & added D relief (changed par d) to stand-alone relief).
23-3	2350-01	Added relief for Co Pilot Audio Control Panel.
23-3	2350-02	Added relief for Cabin Audio Control Panel.
25-2	2520-02	Revised description (moved EMS to 2520-03).
25-2	2520-03	Added relief for EMK and Associated Equipment IAW PL-73.
25-2	2520-04	Revised description (removed STC name) & changed number required for dispatch to 0.
25-2	2520-05	Revised description (removed STC name) & changed number required for dispatch to 0.
25-2	2520-06	Revised description (removed STC name) & changed number required for dispatch to 0.
25-2	2550-01	Revised description (moved EMS and EMS equipment to 2560-02 since included in PL-73 and not provided by OEM kit; created standalone relief for cargo hook, rescue hoist; and removed etc., since relief cannot be open-ended); moved from 2520-01
25-2	2550-02	Revised description (added hook and removed suspension) & revised provisos; moved from 2520-01.
25-2	2550-03	Revised description (removed rescue and system) & revised proviso; moved from 2520-01.
25-3	2550-04	Added relief for Safety Hook.
25-3	2560-01	MOVED relief for Helicopter Flotation Devices to 3200-01.
25-3	2560-02	Added Emergency Medical Kit (EMK) and/or Associated Equipment IAW PL-73, in order to keep relief not provided by the OEM (see 2550-01 comment).
25-3	2561-01	Revised item name.
27-1	2700-01	MOVED relief for Force Trim System to 6700-01.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. VI

AIRCRAFT:
 A119, AW119 MKII

HIGHLIGHTS OF CHANGE

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
30-1	3030-01	Reworded proviso.
30-1	3040-01	Changed number installed to (1).
31-1	3130-01	Added relief for FDR IAW PL-87.
32-1	3212-01	No change; moved from 2560-01.
33-1	3300-02	Revised description (removed STC name).
33-3	3320-02	Revised proviso.
33-3	3340-01	Changed number installed to (3); changed number required for dispatch to (-) & revised proviso to reflect change.
33-3	3340-02	Changed relief to C; changed number installed to (2); changed number required for dispatch to (-) & revised proviso to reflect change.
33-3	3340-04	Added relief for Taxis Lights.
33-3	3340-06	Revised proviso since not required by CFR.
33-3	3340-07	Revised proviso since not required by CFR.
33-3	3340-08	Added relief for Searchlight (if installed).
33-4	3340-10	Revised description (removed STC name); revised proviso & added possible (M) and (O) requirement (correction).
33-4	3340-11	Revised description (removed STC name); revised proviso & added possible (M) and (O) requirement (correction).
33-4	3340-12	Revised description (removed STC name); revised proviso & added possible (M) and (O) requirement (correction).
33-4	3350-01	Added relief for Flashlight(s).
34-1	3411-01	Revised description; changed number installed to (-); changed number required for dispatch to 1 & revised the proviso.
34-1	3414-01	Changed number installed to (-); changed number required for dispatch to 1 & revised proviso.
34-2	3423-01	Changed number required for dispatch to 0 & revised proviso.
34-2	3424-02	Changed relief to C (correction); changed number required for dispatch to 0 & revised proviso.

REVISION NO. 5
DATE: 09/18/2020

PAGE NO. VII

AIRCRAFT:
A119, AW119 MKII

HIGHLIGHTS OF CHANGE

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
34-2	3425-01	Changed number required for dispatch to 0 & revised proviso.
34-2	3434-01	Revised the proviso and changed Repair Category to D.
34-2 thru 3	3444-01	Revised to conform to PL-131.
34-3	3444-03	Added relief for HTAWS.
34-4	3445-01	Added (O) procedure for TCAS I & TCAS II (1 st B & C), as recommended by the FOEB for enroute procedures.
34-6	3452-02	Added Transponder reference, since no relief available for G1000.
34-8	3454-01	Added relief for VOR system.
34-8	3455-01	Revised description (added system).
34-8	3456-01	Revised description (spelled out and removed COMM/NAV, Note & System/Function); changed relief to C (correction); changed number required for dispatch to 0 & revised provisos (removed par a), b) & B relief).
34-8	3457-01	Revised description (spelled out & separated PFD and MFD (see item 3457-02)); changed number required for dispatch to 0; added (O) procedure & added proviso (missing/correction for standardization).
34-8	3457-02	Revised description (spelled out & separated MFD and PFD (see item 3457-01)); changed number required for dispatch to 0; added (O) procedure & added proviso (missing/correction for standardization).
34-9	3461-02	MOVED relief for MSP Aero LLP Flight Data Monitoring System (STC SR03055CH) (A119 MKII Only) to 4500-02.
35-1	3500-01	Revised description (added crew & passengers); changed number required for dispatch to (-) & revised proviso.
35-1	3500-02	Revised description (removed STC name).
35-1	3500-03	Revised description (removed STC name).
35-1	3520-01	Added relief for HAA (Helicopter Air Ambulance) Oxygen System.
45-1	4500-01	Added reliefs for FDMS and HAA.
45-1	4500-02	Revised description (removed STC name); changed number required for dispatch to 0; revised proviso & added (M) and possible (O) & (M) requirement (correction) (moved from 3461-02).

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. VIII

AIRCRAFT:
 A119, AW119 MKII

HIGHLIGHTS OF CHANGE

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
45-1	4500-03	Added relief for Engine Monitoring System (ADAS).
52-1	5210-01	Added relief for Cockpit/Cabin DC External PWR Door Alert System.
52-1	5230-01	Added relief for Baggage DC External PWR Door Alert System.
52-1	5270-01	Added (O) procedure (correction).
52-1	5270-02	Added (O) procedure (correction).
52-1	5270-03	Added (O) procedure (correction).
64-1	6400-01	Revised description (removed STC name); changed number required for dispatch to 0.
64-1	6400-02	Revised description (removed STC name); changed number required for dispatch to 0.
64-1	6400-03	Revised description (removed STC name); changed number required for dispatch to 0.
67-1	6700-01	No change (moved from 2700-01).
71-1	7100-01	Revised description (removed STC name); changed number required for dispatch to 0.
71-1	7160-01	Revised description (removed STC name); changed number required for dispatch to 0.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 5 DATE: 09/18/2020	PAGE NO. IX
AIRCRAFT: A119, AW119 MKII	DEFINITIONS AND PREAMBLE

Definitions

The Definitions must be inserted here in each Minimum Equipment List (MEL) from the 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.

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.

Current Policy Letters may be found on the Flight Standards Information Management System (FSIMS) Web site.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. X

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

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 (STC) 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:

SEQUENCE NO.	PROCEDURE
2100-01 Environmental Control System	(M) Procedure for maintenance to ensure system is deactivated and secured.
2100-02 Air Comm Corp. Cabin Air Conditioning System (STC SR00463DE)	(M) Procedure for maintenance to ensure system is deactivated and secured.
2140-01 Heater	(M) Procedure for maintenance to ensure system is deactivated and secured.
2310-01 High Frequency (HF) Communications System	(O) Procedure for crew to ensure when conducting operations that require two LRCS provided: SATVOICE services are available as an LRCS over the intended route of flight, the ICAO flight plan is updated (as required) to notify ATC of the communications equipment status of the aircraft, and alternate procedures are established and used.
2340-01 Passenger Address System (PA)	(O) Procedure for crew to ensure alternate are established and used.
2340-02 Cabin Speaker	(O) Procedure for crew to ensure alternate normal and emergency procedures and/or operating restrictions are established and utilized; appropriate oral briefing is given to passengers, and no passengers are carried.
2500-01 Nonessential Equipment Furnishings (NEF) Items	(M) and/or (O) Procedures, if required, must be available to the flightcrew and included in the operator's appropriate document.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XI

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
2520-01 Passenger Seats b) Seat Belt/Air Bags Not Required by 14 CFR	(M) Procedure for maintenance to ensure system is disconnected and seat belt operates normally.
2520-02 Medical System (STC SR01525NY) (A119 Only)	(M) Procedure for maintenance to ensure system is deactivated and secured.
2520-03 EMS ITS Deck (STC SR02894CH)	(M) and/or (O) Procedures may be required.
2520-04 Stretcher (STC SR01865LA) (A119 Only)	(M) and/or (O) Procedures may be required.
2520-05 Air Ambulance Conversion (STC SR02257CH) (A119 Only)	(M) and/or (O) Procedures may be required.
2520-06 SWE-400 FLIR Camera	(M) Check TCU in stowed position and PULL out the CAMERA breaker on the overhead circuit breaker panel, secure the system by locking the deactivated circuit breaker and collar and/or record accordingly.
2550-01 Special/Mission Equipment	(M) Procedure for maintenance to ensure system is deactivated and secured.
2550-02 Cargo Hook System	(M) PULL out the CARGO HOOK breaker on the overhead circuit breaker panel, secure the system by locking the deactivated circuit breaker and collar and/or record accordingly. (O) Stow the Hook according to RFM procedure.
2550-03 Rescue Hoist System	(M) PULL out the HOIST CTL - CABLE CUT 1 - HOIST PWR - CABLE CUT 1 - HEC ICS breakers on the overhead circuit breaker panel, secure the system by locking the deactivated circuit breakers and collar and/or record accordingly. (O) Select the Rescue Hoist ON/OFF Control Switch to OFF.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XII

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
2550-04 Safety Hook	(M) PULL out the SAFETY HOOK breaker on the overhead circuit breaker panel, secure the system by locking the deactivated circuit breaker and collar and/or record accordingly. (O) Remove the item and secure the baggage compartment.
2562-01 Emergency Locator Transmitter (ELT) Fixed ELTs	(M) Procedure for maintenance to ensure system is deactivated, and repairs are made within 90 days. (M) Procedure for maintenance to ensure system is deactivated. (M) Procedure for maintenance to ensure remote ELT Switch is deactivated, and ELT switch is placed in the ARMED mode.
2822-03 Transfer Pump	(O) Procedure for crew to ensure flight is not predicated on its use, and quantity of fuel is verified prior to flight.
3320-01 Passenger Notice System (Passenger Lighted Information Sign)	(O) Procedure for crew to ensure alternate procedures are established and used to notify cabin occupants.
3340-08 LED Tail Rotor Floodlights (STC SH4676SW)	(M) and/or (O) procedures may be required.
3340-09 SX-5 Searchlight (STC SR01344NY)	(M) and/or (O) procedures may be required.
3340-10 Super Night Scanner Searchlight (STC SR01651NY)	(M) and/or (O) procedures may be required.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XIII

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
3444-01 Radar (Radio) Altimeter System Other than Air Carrier	<p>(O) Procedure for crew to ensure night operation is not performed with NVGs, night off airport landings or landings at un-improved areas not conducted, for VFR flight at night, the pilot must evaluate terrain and obstacles along the route and fly at such an altitude so as to ensure all terrain and obstacles along the route of flight are cleared vertically by no less than 500 ft., VFR Flight at night is not conducted without adequate visual surface light reference, RFM procedures are followed, and the crew is aware of potential degraded AP performance on ILS GS or LPV vertical guidance.</p> <p>(M) Procedure for maintenance to ensure affected system is deactivated.</p> <p>(O) Procedure for crew to ensure night operation is not performed with NVGs, crew is aware of potential degraded AP performance on ILS GS or LPV vertical, and RFM procedures are followed.</p> <p>(M) Procedure for maintenance to ensure affected system is deactivated.</p>
3445-01 (PL-32) Traffic Alert and Collision Avoidance System (TCAS I) Traffic Alert and Collision Avoidance System (TCAS II) 2) Resolution Advisory (RA) Display System(s) 3) Traffic Alert Display System(s)	<p>(M) Procedure for maintenance to ensure system is deactivated and secured.</p> <p>(O) Procedure for crew to ensure enroute or approach procedures do not require its use.</p> <p>(M) Procedure for maintenance to ensure system is deactivated and secured.</p> <p>(O) Procedure for crew to ensure enroute or approach procedures do not require its use.</p> <p>(M) Procedure for maintenance to ensure system is deactivated and secured.</p> <p>(O) Procedure for crew to ensure enroute or approach procedures do not require its use.</p> <p>(M) Procedure for maintenance to ensure system is deactivated and secured.</p> <p>(O) Procedure for crew to ensure TA only mode is selected by the crew, and enroute or approach procedures do not require its use.</p> <p>(O) Procedure for crew to ensure enroute or approach procedures do not require its use.</p>

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XIV

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
3452-03 (PL-105) Automatic Dependent Surveillance- Broadcast (ADS-B) System ADS-B Out Extended Squitter Transmissions ADS-B Out UAT Transmissions ADS-B In Transmissions	(O) Procedure for crew to ensure alternate procedures are established and used. (O) Procedure for crew to ensure alternate procedures are established and used, and authorization is obtained from ATC facilities having jurisdiction over planned route of flight. (O) Procedure for crew to ensure enroute operations do not require its use, and authorization is obtained from ATC facilities having jurisdiction over planned route of flight. (O) Procedure for crew to ensure alternate procedures are established and used.
3457-01 Garmin G1000H Primary Flight Display (PFD) (STC SR03280NY) (AW119 MKII Only)	(O) Procedure for crew to ensure flight is conducted during VFR, other than night conditions (VFR Over-the-top excluded, and the Multifunction Display (MFD) is in composite mode and functional.
3457-02 Garmin G1000H Multifunctional Display (MFD) (STC SR03280NY) (AW119 MKII Only)	(O) Procedure for crew to ensure flight is conducted during VFR, other than night conditions (VFR Over-the-top excluded), and the Primary Flight Display (PFD) is in composite mode and functional.
3461-01 Navigational Database (PL-98)	(O) Procedure for crew to ensure It is not used in a primary navigation system required by 14 CFR, alternate procedures are developed and used, and the ICAO flight plan is updated (as required) to notify ATC of the navigational equipment status of the aircraft.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XV

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
3500-02 LOX System (STC SR01124NY-D) (A119 Only)	(M) Procedure for maintenance to ensure system is deactivated and secured.
3500-03 LOX System (STC SR02454LA) (AW119 MKII Only)	(M) Procedure for maintenance to ensure system is deactivated and secured.
3520-01 HAA (Helicopter Air Ambulance) Oxygen System	(M) Procedure for maintenance to ensure system is deactivated and secured.
4500-02 Flight Data Monitoring System (STC SR03055CH) (A119 MKII Only)	(M) and/or (O) procedures may be required.
4500-03 Engine Monitoring System (ADAS)	(M) Procedure for maintenance to ensure system is deactivated and secured.
5210-01 Cockpit/Cabin DC External PWR Door Alert System	(O) Procedure for crew to ensure the affected door is verified closed and latched before each flight.
5230-01 Baggage DC External PWR Door Alert System	(O) Procedure for crew to ensure the affected door is verified closed and latched before each flight.
5270-01 External Power Door Caution Light	(O) Procedure for crew to ensure the affected door is verified closed and latched prior to flight.
5270-02 Door Caution System	(O) Procedure for crew to ensure the affected door is verified closed and latched prior to flight.
5270-03 Baggage Door Caution System	(O) Procedure for crew to ensure the affected door is verified closed and latched prior to flight.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. XVI

AIRCRAFT:
 A119, AW119 MKII

GUIDELINES FOR (M) AND (O) PROCEDURES

SEQUENCE NO.	PROCEDURE
6321-01 Rotor Brake System	(M) Procedure for maintenance to ensure rotor brake warning light is not illuminated, rotor brake assembly is in the released condition, and the system is deactivated and secured.
6400-01 Tail Rotor Pedal Lockout Kit (STC SR02258SE)	(M) Procedure for maintenance to ensure system is deactivated and secured.
6400-02 Pedal Extension Kit (STC SR02265NY)	(M) Procedure for maintenance to ensure system is deactivated and secured.
6400-03 Tail Rotor Pedal Lockout Kit (STC SR01844AT) (A119 Only)	(M) Procedure for maintenance to ensure system is deactivated and secured.
7100-01 Heli-Preheat System (STC SR03201CH)	(M) Procedure for maintenance to ensure system is deactivated and secured.
7160-01 Inlet Barrier Filter (IBF) System (STC SR02338CH)	(M) Procedure for maintenance to ensure system is deactivated and secured.

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 21-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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21. Air Conditioning

Sequence No.	Item	1	2	3	4	Change Bar
2100-01 ***	Environmental Control System	C	-	0	(M) May be inoperative provided: a) Heater air is not required for defrosting/defogging, and b) System is deactivated and secured.	
2100-02 ***	Cabin Air Conditioning System (STC SR00463DE)	C	-	0	(M) May be inoperative provided the system is deactivated and secured.	
2140-01 ***	Heater	C	-	0	(M) May be inoperative provided: a) Heater air is not required for defrosting/defogging, and b) System is deactivated and secured.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 22-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

22. Autoflight

Sequence No.	Item	1	2	3	4	Change Bar
2200-01 (PL 101)	Non-Transport Category Aircraft	C	-	0	May be inoperative provided operations do not require its use.	
2210-01	Vertical Gyro	B	2	1	One may be inoperative for VFR flight. NOTE: Flight shall be conducted according to RFM "Failure of One Helipilot Procedure".	
2210-02	SAS	B	2	1	One may be inoperative for VFR flight. NOTE: Flight shall be conducted according to RFM "Failure of One Helipilot Procedure".	
2210-03 ***	Attitude Hold	C	-	0	May be inoperative for VFR.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 23-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
2300-01 ***	Communications Systems (FM)	D	-	0	May be inoperative.	
2300-02	Crew Intercom System (ICS)	B	2	1	One may be inoperative for VFR.	
2300-03	Passenger Intercom System (Garmin 1000H only)	C	1	0	May be inoperative.	
2300-04 ***	Hoist Operator ICS	C	-	0	May be inoperative provided hoist operator is not required.	
2300-05	Headset/Helmet (Cockpit)	C	-	-	Any in excess to those required for each crewmember, may be inoperative or missing. NOTE: A spare headset/helmet shall be operative for single pilot operations.	
2300-06	Headset/Helmet (Cabin Crew)	C	-	0	May be inoperative if not required for the intended operation.	
2300-07	Passenger Headsets	D	-	0	(O) May be inoperative or missing provided an alternate procedure is established.	

REVISION NO. 5
DATE: 09/18/2020

PAGE NO. 23-3

<p>AIRCRAFT: A119, AW119 MKII</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
---------------------------------------	--

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
2312-01 *** (PL-95)	Communication System (VHF)	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided it is not powered by the emergency AC bus, emergency DC bus, battery bus, battery direct bus, or the DC transfer bus and not required for emergency procedures.	
1)	VHF Communication Control Panels					
a)	Frequency Transfer Light	C	-	0		
b)	Frequency Transfer Switch	C	-	0		
c)	Frequency Selector Knob	C	-	2		
d)	Frequency Indication	C	-	2		
2312-02	VHF Radio	-	-	-	Any in excess of those required by 14 CFR may be inoperative excluding Garmin G1000H.	
2340-01 *** (PL-9)	Passenger Address System (PA)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
		D	-	0	May be inoperative provided procedure do not require its use.	
2340-02 ***	Passenger Speaker Amplifier	C	-	0	(O) May be inoperative provided alternate normal/emergency procedures and/or operating restrictions are established and utilized.	
		D	-	0	May be inoperative for non-passenger carrying operations.	
2350-01 ***	Co-Pilot Audio Control Panel	D	1	0	May be inoperative provided single pilot operations conducted.	
2350-02 ***	Cabin Audio Control Panel	-	-	-	Refer to 2340-01.	

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
2370-01 *** (PL-29)	Cockpit Voice Recorder (CVR) with Flight Data Recorder (FDR) Installed	A	1	0	May be inoperative provided: a) Flight data recorder (FDR) operates normally, and b) Repairs are made within 3 flight-days.	
***	Independent Power Source	C	1	0		
***	Cockpit Voice Recorder (CVR) without Flight Data Recorder (FDR) Installed	A	1	0	May be inoperative provided repairs are made within 3 flight-days.	
***	Independent Power Source	C	1	0		
***	Cockpit Voice Recorder (CVR) Installed for an Operator other than a Holder of an Air Carrier or Commercial Operator Certificate	A	1	0	May be inoperative provided repairs are made in accordance with applicable 14 CFRs.	
***	Independent Power Source	C	1	0		

REVISION NO. 4b

PAGE NO. 24-1

DATE: 11/08/2019

AIRCRAFT:
 A119, AW119 MKII

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

24. Electrical Power

Sequence No.	Item	1	2	3	4	Change Bar
2422-01	Inverters	C	2	1	May be inoperative for VFR.	

<p>AIRCRAFT: A119, AW119 MKII</p>	<p>TABLE KEY</p> <ol style="list-style-type: none"> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
---------------------------------------	--

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar	
2500-01	Nonessential Equipment Furnishings (NEF) Items	D	-	-	<p>May be inoperative, damaged, or missing provided that the item(s) is deferred in accordance with the NEF deferral program. The NEF program, procedures, and processes are outlined in the operator's manual.</p> <p>(M) and/or (O) Procedures, if required, must be available to the flightcrew and included in the operator's appropriate document.</p>		
2510-01	Crewmember Shoulder Harness	B	-	1	If harness becomes inoperative and is required by 14 CFR, seat must be blocked and placarded.		
2520-01 (PL-79)	Passenger Seats	D	-	-	<p>May be inoperative provided:</p> <ol style="list-style-type: none"> a) Seat does not restrict access to any emergency exit, egress route, or main aisle, and b) The affected seat(s) is/are blocked and placarded "DO NOT OCCUPY". <p>NOTE 1: A seat with an inoperative seat belt or shoulder harness is considered inoperative.</p> <p>NOTE 2: Affected seats(s) may include the seat(s) behind and/or adjacent outboard seats.</p>		
1)	Passenger Seats (Includes all Configurations and Locations)						
2)	Seat Belt/Air Bag Restraint Systems						
a)	Seat Belt/Air Bags Required by 14 CFR	D	-	-		May be inoperative provided affected seat is blocked and placarded "DO NOT OCCUPY".	
b)	Seat Belt/Air Bags Not Required by 14 CFR	D	-	-		(M) May be inoperative or disconnected provided seat belt operates normally.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 25-2

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
2520-02 ***	Medical System (STC SR01525NY) (A119 Only)	C	-	0	May be inoperative, damaged, or missing. (M) and/or (O) procedures may be required.	
2520-03 ***	EMS ITS Deck (STC SR02894CH)	C	-	0	May be inoperative, damaged, or missing. (M) and/or (O) procedures may be required.	
2520-04 ***	Stretcher (STC SR01865LA) (A119 Only)	C	-	0	May be inoperative, damaged, or missing. (M) and/or (O) procedures may be required.	
2520-05 ***	Air Ambulance Conversion (STC SR02257CH) (A119 Only)	C	-	0	May be inoperative, damaged, or missing. (M) and/or (O) procedures may be required.	
2520-06 ***	SWE-400 FLIR Camera	D	1	0	(M) May be inoperative provided: a) Not required for the intended mission, and b) Turret Camera Unit is stowed and system is deactivated.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 25-3

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
2550-01 ***	Special/Mission Equipment (Loud-Speaker)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
2550-02 ***	Cargo Hook System	C	-	0	(M)(O) May be inoperative provided: a) Not required for the intended mission and stowed, and b) Secured and deactivated.	
2550-03 ***	Rescue Hoist System	C	-	0	(M)(O) May be inoperative provided system is not required for the intended mission and is secured and deactivated.	
2550-04 ***	Safety Hook	C	1	0	(M)(O) May be inoperative provided: a) Not required for the intended operations, b) Item is deactivated and secured, and c) RFM limitations for Cargo Hook operations are followed.	
2560-02 ***	First Aid Kit (FAK) and/or Associated Equipment	D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
(PL-73)	Emergency Medical Kit (EMK) and/or Associated Equipment	D	-	-	Any in excess to those required by 14 CFR may be incomplete, missing, or inoperative.	
2561-01 ***	Emergency Flotation Equipment	C	-	0	As required by 14 CFR.	

REVISION NO. 4b

PAGE NO. 25-4

DATE: 11/08/2019

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4	Change Bar
2562-01 (PL-120)	Emergency Locator Transmitter (ELT)					
***	Survival Type ELT	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing.	
***	Fixed ELTs	A	-	0	(M) May be inoperative provided: a) System is deactivated, and b) Repairs are made within 90 days.	
		A	-	0	May be missing provided: a) Repairs are made within 90 days, and b) Placard stating "ELT not installed" is placed in view of the pilot.	
		D	-	-	(M) Any in excess of those required by 14 CFR may be inoperative provided system is deactivated.	
		D	-	-	Any in excess of those required by 14 CFR may be missing.	
***	Remote ELT Switch	D	-	0	(M) May be inoperative provided: a) Remote ELT switch is deactivated, and b) ELT switch is placed in the ARMED mode.	
***	ELT Indicator Light	D	-	0		
***	ELT Aural Alarm	D	-	0		

REVISION NO. 4b

PAGE NO. 26-1

DATE: 11/08/2019

AIRCRAFT:
 A119, AW119 MKII

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

26. Fire Protection

Sequence No.	Item	1	2	3	4	Change Bar
2622-01 *** (PL-75)	Portable Fire Extinguisher	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing provided: a) The inoperative fire extinguisher is tagged inoperative, removed from the installed location, and placed out of sight so it cannot be mistaken for a functional unit, and b) Required distribution is maintained.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 27-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

27. Flight Controls						
Sequence No.	Item	1	2	3	4	Change Bar
2700-01	Force Trim System	C	1	0	MOVED to 6700-01, Revision 5.	

AIRCRAFT:
 A119, AW119 MKII

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

28. Fuel

Sequence No.	Item	1	2	3	4	Change Bar
2822-01	Airframe Fuel Boost Pump	B	2	1	One may be inoperative for VFR provided: a) Both fuel boost pump caution systems are operative, and b) RFM Limitations are complied with.	
2822-02	Fuel Boost Pump Caution System	C	2	1	One may be inoperative provided: a) Both fuel boost pumps are operative, and b) Fuel pressure indication is operative.	
2822-03	Transfer Pump	B	1	0	(O) May be inoperative provided: a) Flight is not predicated on its use, b) Quantity of fuel is verified prior to flight, and c) Verify operation of the low fuel caution system.	
2841-02 ***	Extended Range (ER) Fuel Tank Indicating System	C	-	0	May be inoperative provided: a) Flight is not predicated on its use, and b) Quantity (weight) of fuel in ER tank is verified prior to flight.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 30-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

30. Ice and Rain Protection

Sequence No.	Item	1	2	3	4	Change Bar
3030-01	Pitot Tube Heat System	C	-	0	May be inoperative for VFR other than night operations provided operations are not conducted in visible moisture, or in known or forecast rain conditions.	
3040-01 ***	Windshield Wiper System	C	1	0	May be inoperative.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 31-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

31. Instruments

Sequence No.	Item	1	2	3	4	Change Bar
3120-01	Clock	C	-	0	As required by 14 CFR.	
3120-02 ***	Elapsed Timer	C	-	0	May be inoperative for VFR provided clock (Item 3120-01) or an alternate time source is operative.	
3120-03 ***	Hour Meter	C	-	0	As required by 14 CFR.	
3130-01 *** (PL-87)	Flight Data Recorder (FDR) Installed for a Holder of an Air Carrier or Commercial Operator Certificate	C	-	-	Any in excess of those required by 14 CFR may be inoperative.	
	Includes FDR function of Combined Voice and Flight Data Recorder (CVFDR)	A	-	0	May be inoperative provided: a) Cockpit Voice Recorder (CVR) operations normally, and b) Repairs are made within 3 flight-days.	
	FDR Recording Parameters Required by 14 CFR	A	-	-	Up to three (3) recording parameters may be inoperative provided: a) Cockpit Voice Recorder (CVR) operates normally, and b) Repairs are made within 20 calendar-days.	
	Flight Data Recorder (FDR) Installed for an Operator Other than a Holder of an Air Carrier or Commercial Operator Certificate	C	-	1	Any in excess of those required by 14 CFR may be inoperative.	
	FDR Recording Parameters Required by 14 CFR	A	-	0	May be inoperative provided repairs are made in accordance with applicable 14 CFRs.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 32-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

32. Landing Gear

Sequence No.	Item	1	2	3	4	Change Bar
3212-01 ***	Helicopter Flotation Devices	C	-	0	As required by 14 CFR.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 33-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
3300-01 *** (PL-127)	NVG Compatible Lighting System	C	-	-	Unaided operation (without NVGs) 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 flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to the flightcrew.	
3300-02 ***	Night Vision Goggle Compatible Lighting System (STC SR01476SE)	C	-	-	Unaided operation (without NVGs) 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 flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to the flightcrew.	

AIRCRAFT:
 A119, AW119 MKII

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
3310-01 (PL-77)	Cockpit/Flight Deck/ Flight Compartment and Instrument Lighting System	C	-	-	Individual lights may be inoperative provided: <ol style="list-style-type: none"> a) Remaining lighting system lights are sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Remaining lighting system lights are positioned so that direct rays are shielded from flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to the flightcrew. NOTE 1: Individual button/switch lights and/or annunciations/indications are excluded from this relief. NOTE 2: Unaided operation (without NVGs) may be permitted with inoperative NVG supplemental lights; cracked or missing filters.	
3310-02	Overhead Map Lights	C	2	1	One may be inoperative.	
		C	2	0	May be inoperative provided operations are not conducted at night.	
3320-01 (PL-123)	Passenger Notice System (Passenger Lighted Information Sign)	C	-	-	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 33-3

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
3320-02 ***	Cabin Lighting System	C	-	0	(O) Individual lights may be inoperative provided lighting configuration is acceptable to the cabin crew.	
		D	1	0	May be inoperative provided passengers are not carried when operating at night.	
3340-01	Position Light System	C	1	-	Any in excess to those required by 14 CFR may be inoperative.	
3340-02	Anticollision Light System	C	1	-	Any in excess to those required by 14 CFR may be inoperative.	
3340-03	Landing Lights	C	-	-	Any in excess to those required by 14 CFR may be inoperative.	
3340-04	Taxi Lights	C	-	0	May be inoperative provided not required for use.	
3340-05 ***	Strobe Light System	C	-	0	May be inoperative provided not required for use.	
3340-06 ***	External Utility Light(s)	C	-	0	May be inoperative.	
3340-07 ***	Supplemental Lighting System	C	-	0	May be inoperative.	
3340-08 ***	Searchlight (if installed)	C	1	0	(O)(M) May be inoperative provided: a) Not required for the intended operation, b) Is stowed, and c) Is deactivated.	
3340-09 ***	Searchlight (Retractable)	C	-	0	May be inoperative for night operations if the landing lights (Item 3340-03) are operational.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 33-4

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

33. Lights

Sequence No.	Item	1	2	3	4	Change Bar
3340-10 ***	LED Tail Rotor Floodlights (STC SH4676SW)	C	-	0	May be inoperative if not required by 14 CFR. (M) and/or (O) procedures may be required.	
3340-11 ***	SX-5 Searchlight (STC SR01344NY)	C	-	0	May be inoperative if not required by 14 CFR. (M) and/or (O) procedures may be required.	
3340-12 ***	Super Night Scanner Searchlight (STC SR01651NY)	C	-	0	May be inoperative if not required by 14 CFR. (M) and/or (O) procedures may be required.	
3350-01 ***	Flashlight(s)	C	-	-	Any in excess to those required by 14 CFR may be inoperative or missing.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3411-01	Altimeter	B	-	1	Co-pilot's may be inoperative for single pilot VFR.	
3412-01	OAT/Free Air Temperature	B	1	0	May be inoperative provided: a) Not required by 14 CFR, and b) Another air temperature indication is available that is convertible to OAT.	
3413-01	Instantaneous Vertical Speed Indicator (IVSI) or Vertical Speed Indicator (VSI)	B	-	-	Co-pilot's may be inoperative for single pilot operations.	
3414-01	Airspeed Indicator	B	-	1	Co-pilot's may be inoperative for single pilot VFR.	
3420-01	Attitude Direction Indicator (ADI) or Electronic Attitude Direction Indicator (EADI)	B	2	1	Co-pilot's may be inoperative for single pilot VFR.	
3421-01 ***	Standby Attitude Indicator	C	1	0	As required by 14 CFR.	
3422-01	Horizontal Situation Indicator (HSI) or Electronic Horizontal Situation Indicator (EHSI)	B	2	1	Co-pilot's may be inoperative for single pilot VFR.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-2

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3423-01	Magnetic Direction Indicator	C	2	0	As required by 14 CFR.	
3424-02	Slip-Skid Indicator	C	2	0	As required by 14 CFR.	
3425-01 ***	Flight Director	C	-	0	May be inoperative provided operations do not require its use.	
3432-01 ***	Navigation Systems (ILS)	C	-	0	As required by 14 CFR.	
3434-01 ***	Marker Beacon	D	-	0	May be inoperative if approach not predicated on its use.	
3442-01 ***	Weather Radar System	C	-	0	As required by 14 CFR.	
3444-01 (PL-131)	Radar (Radio) Altimeter System 14 CFR Part 135 Operations	C	-	0	(O)(M) May be inoperative for VFR provided: a) Affected system is deactivated, b) Night operation is not performed with NVGs, c) Night off airport landings or landings at un-improved areas not conducted, d) For VFR flight at night, the pilot must evaluate terrain and obstacles along the route and fly at such an altitude so as to ensure all terrain and obstacles along the route of flight are cleared vertically by no less than 500 ft., e) VFR Flight at night is not conducted without adequate visual surface light reference, f) Crew is aware of potential degraded Autopilot performance on ILS, glideslope, or LPV, and g) Category A operations which require the use of the radar (radio) altimeter are not performed.	

(Continued)

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-3

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3444-01 (PL-131)	Radar (Radio) Altimeter System (Cont'd) Other than 14 CFR Part 135 Operations	D	-	0	(O)(M) May be inoperative provided: a) Affected system is deactivated, b) Night operation is not performed with NVGs, c) Crew is aware of potential degraded AP performance on ILS GS or LPV vertical, d) RFM procedures are followed, and e) Operations do not require its use.	
3444-03 ***	Helicopter Terrain Awareness and Warning System (HTAWS)	C	-	0	As required by 14 CFR.	
***	Other than Helicopter Air Ambulance (HAA) Operations	D	-	0	May be inoperative provided operations do not require its use.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-4

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3445-01 *** (PL-32)	Traffic Alert and Collision Avoidance System (TCAS I)	B	-	0	(M)(O) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	-	0	(M)(O) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	
	Traffic Alert and Collision Avoidance System (TCAS II)	B	-	0	(M)(O) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	-	0	(M)(O) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and 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, and b) TA and RA audio function is operative on flying pilot side.	
(Continued)						

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
-------------------------------	--

34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3445-01 *** (PL-32)	Traffic Alert and Collision Avoidance System (TCAS II) (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, and 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, and 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 *** (PL-03)	Distance Measuring Equipment (DME)	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-6

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3452-01 (PL-76)	ATC Transponders and Automatic Altitude Reporting Systems	B	-	0	May be inoperative provided: a) Operations do not require its use, and b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over the planned route of flight.	
***	Elementary and Enhanced Downlink Aircraft Reportable Parameters Not Required by 14 CFR	D	-	1	Any in excess of those required by 14 CFR may be inoperative.	
***	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, and b) Repairs are made prior to completion of next maintenance visit.	
3452-02	Transponder	-	-	-	Any in excess of those required by 14 CFR may be inoperative excluding Garmin G1000H	
3452-03 *** (PL-105)	Automatic Dependent Surveillance-Broadcast (ADS-B) System	C	-	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) It is not required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	
		D	-	0	May be inoperative provided: a) Enroute operations do not require its use, and b) It is not required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	
		C	-	1	One must be operative as required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	

(Continued)

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3452-02 *** (PL-105)	Automatic Dependent Surveillance-Broadcast (ADS-B) System (Cont'd)					
	ADS-B Out Extended Squitter Transmissions	C	-	0	(O) May be inoperative provided: a) Alternate procedures are established and used, b) Authorization is obtained from ATC facilities having jurisdiction over planned route of flight, and c) It is not required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	
		C	-	1	One must be operative as required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	
***	ADS-B Out UAT Transmissions	C	-	0	(O) May be inoperative provided: a) Enroute operations do not require its use, b) Authorization is obtained from ATC facilities having jurisdiction over planned route of flight, and c) It is not required by 14 CFR. NOTE: Any ADS-B Out function that operates normally may be used.	
		C	-	1	One must be operative as required by 14 CFR. NOTE: Any ADS-B function that operates normally may be used.	

(Continued)

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-8

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3452-02 *** (PL-105)	Automatic Dependent Surveillance-Broadcast (ADS-B) System (Cont'd) ADS-B In Transmissions	C	-	0	(O) May be inoperative provided alternate procedures are established and used. NOTE: Any ADS B function that operates normally may be used.	
		D	-	0	May be inoperative provided operations do not require its use. NOTE: Any ADS B function that operates normally may be used.	
3454-01	VOR System	C	-	0	As required by 14 CFR.	
3455-01	ADF System	C	-	0	As required by 14 CFR.	
3456-01 ***	Global Positioning System (GPS)	C	-	0	As required by 14 CFR.	
3457-01 ***	Garmin G1000H Primary Flight Display (PFD) (STC SR03280NY) (AW119 MKII Only)	C	-	0	(O) May be inoperative provided: a) Flight is conducted during VFR, other than night conditions (VFR Over-the-top excluded, and b) Multifunction Display (MFD) is in composite mode and functional.	
3457-02 ***	Garmin G1000H Multifunctional Display (MFD) (STC SR03280NY) (AW119 MKII Only)	C	-	0	(O) May be inoperative provided: a) Flight is conducted during VFR, other than night conditions (VFR Over-the-top excluded), and b) Primary Flight Display (PFD) is in composite mode and functional.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 34-9

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
3461-01 *** (PL-98)	Navigational Database	A	-	0	(O) May be inoperative provided: a) Operations do not require its use, b) It is not used in a primary navigation system required by 14 CFR, c) Alternate procedures are developed and used, d) The ICAO flight plan is updated (as required) to notify ATC of the navigational equipment status of the aircraft, and e) It is repaired within 10 flight-days. NOTE: An out-of-currency or out-of-date navigation database is not authorized MMEL relief per 14 CFR	
3461-02 ***	MSP Aero LLP Flight Data Monitoring System (STC SR03055CH) (A119 MKII Only)				MOVED to 4500-02, Revision 5.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 35-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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35. Oxygen

Sequence No.	Item	1	2	3	4	Change Bar
3500-01 ***	Oxygen System and Masks (Crew and Passengers)	C	-	-	Any in excess to those required by 14 CFR may be inoperative or missing.	
3500-02 ***	LOX System (STC SR01124NY-D) (A119 Only)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
3500-03 ***	LOX System (STC SR02454LA) (AW119 MKII Only)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
3520-01	HAA (Helicopter Air Ambulance) Oxygen System	C	-	0	(M) May be inoperative if not required for the intended mission and provided system is deactivated and secured.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 45-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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45. Central Maintenance System

Sequence No.	Item	1	2	3	4	Change Bar
4500-01 ***	Flight Data Monitoring System (FDMS)	C	-	0	As required by 14 CFR.	
***	Other than Helicopter Air Ambulance (HAA) Operations	D	-	0	May be inoperative provided operations do not require its use.	
4500-02 ***	Flight Data Monitoring System (STC SR03055CH) (A119 MKII Only)	C	-	0	May be inoperative provided not required by 14 CFR. (M) and/or (O) procedures may be required.	
4500-03 ***	Engine Monitoring System (ADAS)	D	1	0	(M) May be inoperative provided system is deactivated and secured.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 52-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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52. Doors

Sequence No.	Item	1	2	3	4	Change Bar
5210-01	Cockpit/Cabin DC External PWR Door Alert System	C	-	0	(O) May be inoperative provide that the affected door is verified closed and latched before each flight.	
5230-01	Baggage DC External PWR Door Alert System	C	-	0	(O) May be inoperative provide that the affected door is verified closed and latched before each flight.	
5270-01	External Power Door Caution Light	C	1	0	(O) May be inoperative provided a visual check verifies that the door is closed and latched prior to flight.	
5270-02	Door Caution System	C	-	0	(O) May be inoperative provided a visual check verifies that the door is closed and latched prior to flight.	
5270-03	Baggage Door Caution System	C	-	0	(O) May be inoperative provided a visual check verifies that the door is closed and latched prior to flight.	

REVISION NO. 4a

PAGE NO. 63-1

DATE: 07/01/2016

AIRCRAFT:
 A119, AW119 MKII

TABLE KEY

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

63. Main Rotor Drive

Sequence No.	Item	1	2	3	4	Change Bar
6321-01 ***	Rotor Brake System	C	-	0	(M) May be inoperative provided: <ol style="list-style-type: none"> a) Rotor brake warning light is not illuminated, b) The rotor brake caution light is not illuminated, c) Maintenance inspection determines rotor brake assembly is in the released condition, and d) System is deactivated and secured. 	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 64-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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64. Tail Rotor

Sequence No.	Item	1	2	3	4	Change Bar
6400-01 ***	Tail Rotor Pedal Lockout Kit (STC SR02258SE)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
6400-02 ***	Pedal Extension Kit (STC SR02265NY)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
6400-03 ***	Tail Rotor Pedal Lockout Kit (STC SR01844AT) (A119 Only)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 67-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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67. Rotor Flight Controls

Sequence No.	Item	1	2	3	4	Change Bar
6700-01	Force Trim System	C	1	0	May be inoperative for VFR. NOTE: With copilot's cyclic removed, jumper is required for force trim operation on pilot's cyclic.	

REVISION NO. 5
 DATE: 09/18/2020

PAGE NO. 71-1

AIRCRAFT: A119, AW119 MKII	TABLE KEY 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
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71. Powerplant

Sequence No.	Item	1	2	3	4	Change Bar
7100-01 ***	Heli-Preheat System (STC SR03201CH)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	
7160-01 ***	Inlet Barrier Filter (IBF) System (STC SR02338CH)	C	-	0	(M) May be inoperative provided system is deactivated and secured.	