



ENGINE AND AIRFRAME SOLUTIONS WORLDWIDE, LLC.

CRS E4FR663Y

**REPAIR STATION MANUAL
APPENDIX B**

CAPABILITIES LIST

MASTER



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1. FRONT MATTER

Manual Distribution List

This appendix is part of the Repair Station Manual. The Repair Station Manual with Appendices A through G are issued as a set. Sets will be identified by the copy number on the Title Page.

See the distribution list in the Repair Station Manual to determine who the sets of Repair Station Manuals and appendices are assigned to.

Note: This Repair Station Manual and its Appendices will be maintained in paper format. It is, however, produced by computerized word processing. Reference copies may be produced but are "VALID FOR USE ONLY IF CURRENT" It is the responsibility of the individual using the copy of the manual to assure that it is the most current revision to assure accuracy and quality control. Copies sent to the Flight Standards District Office (FSDO) may be transmitted via email as an attachment to expedite revision acceptance. Paper copies of accepted/approved revisions will be submitted to the FSDO to be kept on file with the current manual content.

For work away from the Repair Station Reference RSM section 7.2.2, MRT Procedures.



RECORD OF REVISIONS

Note: See the Repair Station manual for a description of the processes for distributing, entering, and recording revisions to this manual. If a controlled paper copy of this manual has been assigned it shall have its revisions properly entered and recorded.

Revision Number	Revision Date	Page(s) Affected	Revision Number	Revision Date	Page (s) Affected
Original Issue	9 Mar 07	All	51	29 Oct 15	ii, iii, 3, 6, 8, 9, 11
1	4 Aug 07	All	52	03 Dec 15	ii, iii, 8, 13
2	23 Nov 07	Title through iii, v, 11, 12	53	13 Jan 16	ii, iii, 13
3	4 Jan 08	Title through iii, v, 1, 4, 11, 12	54	28 Jan 16	ii, iii, 8
4	17 Mar 08	Title through iii	55	31 Mar 16	ii, iii, 6, 11, 13
5	22 May 08	Title page, ii, iii, v, 1 and 2 (3-12	56	19 May 16	i, ii, iii, 13
6	6 Jun 08	Title page, ii, iii, 1	57	24 May 16	i, ii, iii, 6
7	1 Jul 08	ii, iii, v, 1, 2	58	26 Oct 16	ii, iii, 13
8	4 Aug 08	ii, iii, v, 1 through 4	59	3 Nov 16	ii, iii, 3, 6, 9, 11, 14
9	12 Sep 08	ii, iii, 3	60	17 Jan 17	ii, iii, 3, 13
10	19 Sep 08	ii, iii, v, 3	61	6 Apr 17	ii, iii, 3, 5, 9, 11
11	20 Oct 08	ii, iii, 3	62	21 Apr 17	ii, iii, 6, 13
12	8 Dec 08	All	63	08 Jun 17	ii, iii, 3, 6, 9, 11
13	15 Apr 09	ii, iii, 3	64	15 Jan 18	ii, iii, 4, 7
14	10 Jun 09	ii, iii, 3	65	17 May 18	ii, iii, 13, 14
15	17 Aug 09	ii, iii, v, 3, 4	66	11 Jan 19	ii, iii, 14
16	2 Nov 09	ii, iii, 3, 4	67	13 Mar 19	ii, iii, 8, 13
17	19 Dec 09	ii, iii, 3, 5, 6	68	16 Apr 19	ii, iii, 8
18	2 Feb 10	ii, iii, 3	69	27 Jan 2020	ii, iii, 5, 9, 11
19	15 Feb 10	ii, iii, 4	70	28 Jul 2020	ii, iii, 6
20	17 Apr 10	i, ii, iii, 3	71	15 Jul 2021	i, ii, 5, 9, 11, 13, 14
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Appendix B Capabilities List

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Revision: 74
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CAPABILITIES LIST

This Capabilities List is an inclusive listing of the articles on which this Repair Station may perform maintenance, preventive maintenance, or alterations.

This Repair Station shall only perform maintenance, preventative maintenance, or alterations as authorized by Limited Ratings (14 CFR Part 145.61) contained in this Capabilities List, within the limitations of EASW Repair Station Operations Specifications A003. This Repair Station will not seek class ratings (14 CFR Part 145.59).

The maintenance, preventive maintenance, or alteration of civil aviation articles will be performed in accordance with the applicable Code of Federal Regulations (CFR). This Repair Station will not maintain or alter any article for which it does not hold an appropriate rating. This Repair Station will not maintain or alter any article for which it is rated if the appropriate housing, facilities, equipment, personnel, or technical data are not available.

NOTE: The maintenance, preventive maintenance, or alteration of articles on the accepted Capabilities List, must also have Limitations listed in the EASW Repair Station Operations Specifications A003 which requires approval from the FAA.

Adding or Removing Articles and Notification of the FSDO (Revision to this Appendix)

The following procedures shall be followed when adding or removing articles to this Capabilities List.

Identify the article and maintenance, preventive maintenance, or alteration to be performed that the Repair Station is considering for addition or deletion from the Capabilities List.

Perform and document an Internal Evaluation of the Housing, Facilities, Equipment, Tools, Material, Technical Data, Processes Personnel, and other concerns to determine whether the Repair Station can perform that maintenance, preventive maintenance, or alteration.

Determine if the addition or removal of the article will require a change to the Limitations listed in the EASW Repair Station Operations Specifications A003.

If changes to the Operations Specifications A003 will not be required:

Revise the Capabilities List and have the Accountable Manager sign the List of Effective Pages. The signature of the Accountable Manager indicates compliance. The Repair Station may begin performing the work within the limitations of the Operations Specifications A003.

The local FSDO shall be notified in writing that an article has been added or removed. The letter will state which part of the limitations in the Operations Specifications A003 apply. Included shall be a copy of the Capabilities List revision for review, acceptance and inclusion into the FSDO copy (#1) of the Repair Station Manual.

If changes to the Operations Specifications A003 will be required:

Revise the Capabilities List and have the Accountable Manager sign the List of Effective Pages. The signature of the Accountable Manager indicates compliance.

A letter to the local FSDO shall be submitted, requesting a change to the Operations Specifications A003 adding or removing the article to the Operations Specifications. Included in the letter shall be the limitations applicable to that article.

The local FSDO shall also be forwarded a copy of the revision for review, acceptance and inclusion into the FSDO copy (#1) of the Repair Station Manual.

Upon receipt of the amended Operations Specifications A003, the Repair Station may begin performing the work within the limitations of the Operations Specifications A003.



Actions to be taken if the FSDO determines that an article added to the capabilities list is not within the Limited Capabilities of the Repair Station

The following procedures shall be followed when an article added to the capabilities list is not within the Limited Capabilities of the Repair Station.

Upon notification that an article added to the Capabilities List is not within the Limited capabilities of the Repair Station, the Accountable Manager with the assistance of the Technical Publications Supervisor and Quality Control Supervisor, shall immediately determine if any suspect articles were returned to service. The owner / operator shall be immediately notified that that article is not in an airworthy condition.

A Corrective Action Request shall be initiated for each suspect article, on which maintenance has been performed, to determine and track the actions required to properly recertify the airworthiness of that article. The local FSDO and the customer shall be consulted to determine actions to be taken. The contents (including actions taken) of these Corrective Action Requests will be Self Disclosed in accordance with AC 00-58A, Voluntary Disclosure Reporting Program, as amended.

A Corrective Action Request shall be initiated to investigate the reason that the article was added and not within the Limited Capabilities. The local FSDO shall be contacted to assist with the resolution of this problem. The cause of the discrepancy shall be determined and if corrected if possible. If the discrepancy can not be immediately rectified, the article shall be removed from the Capabilities List. The revised Capabilities List will then be processed through the normal revision procedures.



LIMITED AIRFRAME RATINGS

Airframe List "A"

MANUFACTURER FIXED WING	MODEL (TCDS)	Common Name
328 Support Services GmbH	328-300	(Dornier 328)
Beechcraft Corporation	Hawker 800 Series Hawker 900 Series Hawker 1000 Series Hawker 4000	
Textron Aviation Inc.	550 560 560 560 560XL 560XL 560XL 680	Bravo Encore Encore+ Ultra Excel XLS XLS+ Series
Dassault Aviation	2000 2000 DX 2000 EX 2000 EX Falcon 7X	Falcon Falcon Easy
Eclipse Aerospace, Inc.	EA500	
Embraer	EMB-500 EMB-505 EMB-135 Series ERJ-170 Series	(Embraer 100) (Embraer 300)
Gulfstream Aerospace LP	GALAXY G200	
Learjet Inc.	60 60XR	
Note: Removed Piper PA-46-500TP & moved to Airframe List "D"		
Short Brothers PLC	SD3-60 SHERPA	



Airframe List "A"

**MANUFACTURER
HELICOPTER**

MODEL (TCDS) Common Name

Agusta S.p.A.	A109E with PW206C engines installed, A109S A109SP A119 AW119 MKII AB139 AW139
Bell Helicopter Textron USA	412 412CF 412EP 412HP 412SP
Bell Helicopter Textron Canada Limited	206 Series 407 427 429
Eurocopter Deutschland GmbH	EC135 P1 EC135 P2 EC135 P2+ MBB-BK 117 C-2 (EC145)
Eurocopter France	EC130B4



Airframe List "B"

**MANUFACTURER
FIXED WING**

MODEL (TCDS) Common Name

Beechcraft Corp.

200 Series Super King Air
B200 Series Super King Air
300 Series Super King Air
B300 Series Super King Air

Beechcraft Corporation

Hawker 400 Series
Hawker 800 Series
Hawker 900 Series
Hawker 1000 Series
Hawker 4000

HELICOPTER

NONE



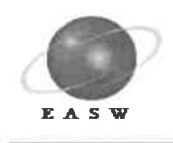
Airframe List "C"
MANUFACTURER
FIXED WING

	MODEL (TCDS)	Common Name
Bombardier	CL-600-2B16	Challenger 604
	BD-100-1A10	Challenger 300/350
	CL-600-2B19	CRJ 200
328 Support Services GmbH	328-300	(Dornier 328)
Textron Aviation Inc.	208B	(Grand Caravan)
	525 series	(CJ series)
	550	(Bravo)
	560	Series
	560XL	Series
	680	Series
	750	Citation X
Dassault Aviation	900	(Falcon) Series
	2000	Falcon
	2000 EX	Falcon
	2000 EX Easy	Falcon
	2000 DX	Falcon
	Falcon7X	
Embraer	EMB-120 Brasilia	Series
	EMB-500	(Embraer 100)
	EMB-505	(Embraer 300)
	EMB-135	Series
	EMB-170	Series
Gulfstream Aerospace Corporation	G-IV	
	GIV-X	
	GIV-X	(G350)
	GIV-X	(G450)
	GV	
	GV-SP	
	GV-SP	(G500)
	GV-SP	(G550)
Gulfstream Aerospace LP	GALAXY	
	G200	
Beechcraft Corporation	Hawker 400 Series	
	Hawker 800 Series	
	Hawker 900 Series	
	Hawker 1000 Series	
Learjet Inc.	60	
	60XR	
	45	
	40	
Piper Aircraft, Inc. Short Brothers PLC SOCATA, France Thrush Aircraft, LLC Pilatus	PA-46-500TP	(Malibu/Meridian)
	SD3-60 SHERPA	
	MS 880B	(Rallye 235E)
	S2R-T660	
	PC12 Series	



Airframe List "C" (Continued)

MANUFACTURER HELICOPTER	MODEL (TCDS) Common Name
Agusta S.p.A.	A109E with PW206C engines installed, A109S A109SP A119 AW119 MKII AB139 AW139
Bell Helicopter USA (Textron)	412 412CF 412EP 412HP 412SP
Bell Helicopter Textron Canada Limited	206 Series 407 427 429
Eurocopter Deutschland GmbH	EC135 P1 EC135 P2 EC135 P2+ MBB-BK 117 C-2 (EC145)
Eurocopter France	EC130B4



Airframe List "D"

MANUFACTURER FIXED WING

MODEL (TCDS) Common Name

MANUFACTURER

MODEL

Beechcraft Corp.

58

(Baron)

Textron Aviation Inc.

150 Series

152 Series

172 Series

182 Series

Skyhawk

Skylane

Hawker Beechcraft Corp.

76

(Duchess)

Piper Aircraft, Inc.

PA-24-250

PA-28 Series

PA-32 Series

PA-46-500TP

(Comanche)

(Malibu/Meridian)

HELICOPTER

MD Helicopters, Inc. (MDHI)

369 Series



Airframe List "E"
MANUFACTURER

**FIXED WING, (Gross takeoff weight greater than 12,500 pounds
and/or aircraft requiring RVSM tests and inspections)**

MODEL (TCDS) Common Name

Bombardier	CL-600-2B16	Challenger 604
Beechcraft Corporation	200 Series B200 Series 300 Series B300 Series Hawker 400 Series Hawker 800 Series Hawker 900 Series Hawker 1000 Series Hawker 4000	Super King Air Super King Air Super King Air Super King Air
Embraer S.E.	EMB-120 Brasilia EMB-500 EMB-505 EMB-135 EMB-170	Series (Embraer 100) (Embraer 300) Series Series
Textron Aviation Inc.	550 560 560 560 560XL 560XL 560XL 680	Bravo Encore Encore+ Ultra Excel XLS XLS+ Series
Dassault Aviation	2000 2000 DX 2000 EX 2000 EX EASy	Falcon
Gulfstream Aerospace LP	GALAXY G200	
Learjet Inc	40 45 60 60XR	
Short Brothers PLC	SD3-60 SHERPA	



Airframe List "E"

MANUFACTURER	MODEL (TCDS)	Common Name
<u>HELICOPTER, (Gross takeoff weight greater than 12,500 pounds and/or aircraft requiring RVSM tests and inspections)</u>		

Note: none at this time.



LIMITED RADIO RATINGS

Radio List "A"

MANUFACTURER

FIXED WING, (Gross takeoff weight greater than 12,500 pounds)

MODEL (TCDS)

Common Name

Bombardier	CL-600-2B16	Challenger 604
	BD-100-1A10	Challenger 300/350
Beechcraft Corporation	200 Series	Super King Air
	B200 Series	Super King Air
	300	Super King Air
	B300 Series	Super King Air
	Hawker 400 Series	
	Hawker 800 Series	
	Hawker 900 Series	
	Hawker 1000 Series Hawker 4000	
Textron Aviation Inc.	550	Bravo
	560	Encore
	560	Encore+
	560	Ultra
	560XL	Excel
	560XL	XLS
	560XL	XLS+
	680	Series
Dassault Aviation	2000	Falcon
	2000 DX	
	2000 EX	
	2000 EX EASy	
Gulfstream Aerospace LP	GALAXY/G200	
Learjet Inc	40	
	45	
	60	
	60XR	
Short Brothers PLC	SD3-60 SHERPA	
Embraer S.E.	EMB-120 Brasilia	Series
	EMB-500	(Embraer 100)
	EMB-505	(Embraer 300)
	EMB-135	Series
	EMB-170	Series



Radio List "A"

MANUFACTURER	MODEL (TCDS)	Common Name
<u>HELICOPTER, (Gross takeoff weight greater than 12,500 pounds)</u>		

Note: None at this time.



LIMITED POWERPLANT RATINGS

Powerplant List "A"

MANUFACTURER PISTON	MODEL
Continental Motors	O-470-R /O-470-S RR O-200A
Continental Motors, Inc. Continental Motors	O-200 Series TSIO-360 Series
Lycoming	O-320 Series IO-360 Series O-360 Series O-540 Series
<u>TURBINE</u>	
CFE Company	CFE738-1-1B
CFM International, S.A.	CFM56 Series
General Electric Company	CF34 Series
Honeywell International Inc.	TFE 731 Series AS907 Series
Pratt & Whitney	JT9D Series
Pratt & Whitney Canada	PW118 – PW127 Series PW150 Series PW210 Series PW610 Series PW617 Series
Rolls-Royce Corporation	AE 3007 Series BR700 Series 250 Series
Rolls-Royce Deutschland Ltd & Co KG	TAY 611-8C
Williams international, LLC	FJ 44 Series



Powerplant List "B"

**MANUFACTURER
TURBINE**

MODEL

Pratt & Whitney Canada

JT15D Series

PT6A Series

PT6B Series

PT6C Series

PT6T-3 Series

PW206 Series

PW207 Series

PW305 Series

PW306 Series

PW307 Series

PW308 Series

PW530 Series

PW535 Series

PW545 Series

PW617 Series



LIMITED NONDESTRUCTIVE INSPECTION, TESTING, AND PROCESSING RATINGS

MANUFACTURER

MODEL

ALL DISCIPLINES AUTHORIZED BY OPSPEC

Same as aircraft under the Limited Airframe rating.
Same as engines under the Limited Powerplant rating.

Same as aircraft under the Limited Airframe rating.
Same as engines under the Limited Powerplant rating.



From the Ops Specs

Rating	MFR	Make/Model	Limitations
Airframe	From the Accepted Capability List, as Amended	From the Accepted Capability List, as Amended	<p>Airframe Capabilities List "A" limited to Maintenance, Preventive Maintenance and Alterations including scheduled and unscheduled inspections as required to remove and install engines.</p> <p>Airframe Capabilities List "B" limited to Maintenance, Preventive Maintenance and Alterations including scheduled and unscheduled inspections with the exception of: recertification of flotation devices and hydrostatic testing.</p> <p>Airframe Capabilities List "C" limited to any unscheduled maintenance resulting from unforeseen events or scheduled checks that contain servicing and/or inspections that do not require specialized training, equipment, or facilities.</p> <p>Airframe Capabilities List "D" limited to Maintenance, Preventive Maintenance and Alterations including 100 hour and Annual inspections.</p> <p>Airframe Capabilities List "E" limited to tests and inspections required by 14 CFR Part 91.411 in accordance with Title 14 CFR Part 43, Appendix E. Perform RVSM Tests and inspections in accordance with aircraft operator's FAA approved RVSM Maintenance Program.</p>
Radio	From the Accepted Capability List, as Amended	From the Accepted Capability List, as Amended	<p>Radio Capabilities List "A" limited to ATC Transponder test and inspections required in 14 CFR Part 91.413 in accordance with Title 14 CFR Part 43, Appendix F for transponders installed in aircraft listed in the accepted Capability List as amended..</p>
PowerPlant	From the Accepted Capability List, as Amended	From the Accepted Capability List, as Amended	<p>PowerPlant Capabilities List "A" limited to Maintenance, Preventive Maintenance and Alterations including removal, repair and installation of external components and engine accessories, periodic, 100 hour, annual, scheduled and unscheduled inspections. Excludes overhaul.</p> <p>PowerPlant Capabilities List "B" limited to Maintenance, Preventive Maintenance and Alterations including removal, repair and installation of internal and/or external components and engine accessories, periodic, 100 hour, annual, scheduled and unscheduled inspections including Hot Section Inspection (HSI). Excludes overhaul.</p>