



Repair Station#
P94R580N
11700 NW 102ND ROAD
SUITE 6
Miami, FL 33178
(305) 477-4711
fritz.erie@meggitt.com

February 20, 2014

Mr. Lorenzo Valerio
FAA South Florida FSDO-19
2895 SW 145TH Avenue, Suite 120
Miramar, Florida 33027

RE: Limited Instrument Capability List Rev 4.

Mr. Valerio,

Please accept this letter as a formal notice that Pacific Scientific Miami has revised its Limited Instrument Capability List Rev No.4 Dated February 20, 2014. In accordance with 14 CFR part 145.209(d), 145.215 (a) (b) (c) (d), and is currently forwarding all affected sections.

The following sections and pages were revised:

- The Record of Revisions page iii.
- The List of effective Pages iv.
- Page 1-1 New Capabilities was added.

I thank you for your assistance in this matter. If you should have any questions, please do not hesitate to contact me.

Best regards,

A handwritten signature in black ink, appearing to read 'Fritz Erie'.

Fritz Erie
Chief Inspector



Repair Station P94R580N

Revision 1 Dated 5 Nov 2012

Limited Instrument Capability List

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

Approved: Chief Inspector Fritz A. Erie

A handwritten signature in black ink, appearing to read 'Fritz A. Erie', written over a horizontal line.

Pacific Scientific

Repair Station P94R580N

Limited Instrument Capability List

11700 NW 102nd Road

Suite 6

Miami, FL 33178



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Revision 1 Dated 5 Nov 2012

Limited Instrument Capability List

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Repair Station P94R580N

Revision 4 Dated 20 Feb 2014

Limited Instrument Capability List

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

Approved: Chief Inspector Fritz A. Erie 

Record of Revisions

Revision No.	Revision Date	Date Filed	By
0	04 Nov 2002	04 Nov 2002	KN
1	05 Nov 2012	05 Nov 2012	FAE
2	30 Jan 2013	30 Jan 2013	FAE
3	18 Sep 2013	18 Sep 2013	FAE
4	20 Feb 2014	20 Feb 2014	FAE

Revision No.	Revision Date	Date Filed	By

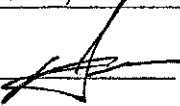


Repair Station P94R580N

Revision 4 Dated 20 Feb 2014

Limited Instrument Capability List

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

Approved: Chief Inspector Fritz A. Erie 

List of Effective Pages

Subject	Page	Date
Title Page	i	05 Nov 2012
Table of Contents	ii	05 Nov 2012
Record of Revisions	iii	20 Feb 2014
List of Effective Pages	iv	20 Feb 2014
Limited Instrument	1-1	20 Feb 2014

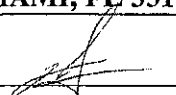


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Limited Instrument Capability List

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

Approved: Chief Inspector Fritz A. Erie 

Part Number	Series	Description	Manufacturer	Added
DV8456701-5/-4	<input checked="" type="checkbox"/>	Rudder Travel Limiter	ARTUS	11/4/2013
10379-XX-XX	<input checked="" type="checkbox"/>	ALERTER	MEGGITT	1/30/2013
37002-XX-XX	<input checked="" type="checkbox"/>	ADAHRS	MEGGITT	1/30/2013
27000-XX-XX	<input checked="" type="checkbox"/>	ADU MK1	MEGGITT	1/30/2013
27005-XX-XX	<input checked="" type="checkbox"/>	ADU MK1	MEGGITT	1/30/2013
27104-XX-XX	<input checked="" type="checkbox"/>	ADU MK1	MEGGITT	1/30/2013
27100-XX-XX	<input checked="" type="checkbox"/>	ADU MK2	MEGGITT	1/30/2013
27101-XX-XX	<input checked="" type="checkbox"/>	ADU MK2	MEGGITT	1/30/2013
27300-XX-XX	<input checked="" type="checkbox"/>	ADU MK2	MEGGITT	1/30/2013
27301-XX-XX	<input checked="" type="checkbox"/>	ADU MK2	MEGGITT	1/30/2013
28004-XX-XX	<input checked="" type="checkbox"/>	ALTIMETER	MEGGITT	1/30/2013
28007-XX-XX	<input checked="" type="checkbox"/>	ALTIMETER	MEGGITT	1/30/2013
19004-XX-XX	<input checked="" type="checkbox"/>	MHS	MEGGITT	1/30/2013
26000-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
26005-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
33001-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
33507-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
33508-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
33509-XX-XX	<input checked="" type="checkbox"/>	SFD MK1	MEGGITT	1/30/2013
38102-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
38104-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39203-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39205-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39207-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39211-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39213-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39216-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39221-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
39204-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
31007-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
31009-XX-XX	<input checked="" type="checkbox"/>	SFD MK2	MEGGITT	1/30/2013
35000-XX-XX	<input checked="" type="checkbox"/>	Clock	MEGGITT	9/18/2013
27050-XX-XX	<input checked="" type="checkbox"/>	ADU	MEGGITT	2/20/2014



**PACIFIC
SCIENTIFIC**
Repair Station P94R580N
Revision 11 Dated 6/28/2012

REPAIR STATION MANUAL

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

8.16 Limited Capability Self Evaluation Form

PART NUMBER:	27050-XX-XX	MANUFACTURER:	Meggitt Avionics
RATING:	LIMITED INSTRUMENT		
TECHNICAL DATA TYPE:	<u>CMM</u> DRAWING	OTHER (LIST):	
CIRCLE ONE			
TECHNICAL DATA NUMBER & REVISION:	34-10-69 Rev.3	DATED:	July 28 th , 2005.
		YES	NO
1. TECHNICAL DATA IS MOST CURRENT REVISION (CHECK ONE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
IF NO, STOP, NO CAPABILITY			
VERIFIED FROM (LIST SOURCE)			
http://www.meggitt-avionics.co.uk/PDF/TECHNICAL%20PUBLICATIONS%20INDEX.pdf			
2. TOOLING REQUIRED TO PERFORM WORK IS AVAILABLE (CHECK ONE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
IF NO, STOP, NO CAPABILITY			
3. TRAINING COMPLETED AND DOCUMENTED (CHECK ONE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
ATTACH TRAINING FORM	IF NO STOP, NO CAPABILITY		
4. DOES THE REPAIR STATION HAVE THE HOUSING, FACILITY, MATERIAL & PROCESSES TO PERFORM THE WORK ON THE ARTICLE BY PART 145?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
IF NO, STOP, NO CAPABILITY			
AFTER VERIFICATION OF ITEMS 1, 2, 3 & 4 OF THIS FORM, I CERTIFY THAT THIS STATION HAS THE CAPABILITY TO PERFORM MAINTENANCE ON THE ABOVE LISTED PART NUMBER(S) OR SERIES.			
Fritz A. Erié		CHIEF INSPECTOR	
NAME & SIGNATURE	TITLE		2/20/14
			DATE

Form 16 Limited Capability Self Evaluation Form

REPAIR STATION MANUAL

11700 NW 102ND ROAD, SUITE 6, MIAMI, FL 33178

8.2 Tool Equivalency Worksheet

FORM 2 Acceptance of Equivalency for Test Measurement Equipment & Tooling Worksheet and Record			
CMM 34-10-69 Rev.: 3		Manufacturer : Meggitt Avionics	
Signature/Date:			
Tool No./Instrument	Equivalent No.	Equivalent Yes No	Remarks
611-953	AV69 & AV26	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
616-661	AV67 & AV27	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
PL330	AV66 & AV53	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
DMM914	AV66 & AV53	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
Arinc 429 Card	Connected inside computer	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
Type DPI 510	AV24 & AV70	<input checked="" type="checkbox"/> <input type="checkbox"/>	LaberSab - Passed
Series 6200	AV24 & AV70	<input checked="" type="checkbox"/> <input type="checkbox"/>	LaberSab - Passed
Pressure Reservoir	Type: M/164/200 (ATP 1 & 2)	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
Single Pole switch	Controlled by software	<input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment is part of PTS Rig - Passed
<i>Signature: [Handwritten]</i>		<input type="checkbox"/> <input type="checkbox"/>	

Form 1 Tool Equivalency Worksheet



COMPONENT MAINTENANCE MANUAL
AIR DATA UNIT 27050

TESTING AND FAULT ISOLATION

1. Introduction

A. If the Air Data Unit fails to meet the test requirements return the Air Data Unit to Meggitt Avionics, Unit 7, Whittle Avenue, Segensworth West, Fareham, HANTS, ENGLAND, PO15 5SH or an authorized Repair/Overhaul Facility for evaluation and repair.

2. Test Equipment and Materials

NOTE: Equivalent substitutes may be used for listed items.

<u>Ref. No.</u>	<u>Part No. or Ref.</u>	<u>Nomenclature</u>	<u>Qty</u>
2	611-953	MilliOhmmeter, capable of measuring 0-100 MilliOhms	1
3	616-661	MegOhmmeter, capable of measuring 0-50 MegOhms at 100 VDC.	1
4	PL330	DC Power Supply, capable of 28V DC, 0-5A	1
5	DMM914	Ammeter	1
6	As Available	ARINC429 serial data signal receiver	1
7	Type DPI 510	Pressure Source Controller	2
8	Series 6200	Pressure indicator	2
9	As Available	Pressure reservoir, volume not less than 100 cubic inches	2
11		Deleted	
12		Deleted	
13	As Available	Switch, single pole, single throw	4
14	081-103643	Label F.A.R.	1

3. Method of Test

A. Sequence of Tests

(1) Tests shall be performed in the order stated so that a logical sequence is maintained. This will also reduce the risk of omitting a test.