

Kulite Semiconductor Products, Inc.

Maintenance Capability List For CAAC

CCAR-145 Certificate No.: F00100495

Original Document: June 1, 2006

Revision P

Revision Date: February 27, 2023

Address: 400 Willow Tree Road
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Kulite Semiconductor Products, Inc. Company Maintenance Capability List for CAAC

List of Effective Pages

CAAC Certificate No.: F00100495

Revision No: P

Pages	Revision Date	Item Quantity	Remark
The front page of Maintenance Capability List	June 1, 2006	N/A	
The list of effective pages of Maintenance Capability List	June 1, 2006	N/A	
Statement of Maintenance Capability List	June 1, 2006	N/A	
4,5	Rev A, 24 Sep 2007	1-16	
4,5	Rev B, 22 Oct 2008	1-16	
4,5	Rev C, 03 Nov 2008	17	
4,5	Rev D, 6 Apr 2011	18-20	
4,5,6	Rev E, 23 Dec 2011	21-33	
5	Rev F, 24 Oct 2012	34	
1,2,4,5	Rev G, 23 January 2015	20-35	Added item 20 renumbered
1,2,4,5	Rev H, 15 March 2016	21-36	Added item 21 renumbered
1,2,4,5	Rev J, June 2016	18-37	Added item 18 renumbered
1,2,4,5,6	Rev K, December 2016	2,3,4,5,7,8,9,12,13,14,17 19, 20, 24, 29,32,36,37	Added item 13,19,21 renumbered
1,2,4,5,6	Rev. L December 2017	19,35,37,38,39	Added CMM
1,2,4,5,7	Rev. M December 2, 2019	23-53	Added item 23,34 (changed date from 8/18 to 12/2/19 per CAAC request)
1,2,3,4,5,7	Rev. N March 2, 2020	1-53	Added ATA Component code per CAAC requirements.
1,2,3,4,5,6	Rev. P February 27, 2023	15,17, 29-54	Added P/N APT-23-B-1500-50D to capability list item 29, renumbered. corrected various ATA chapter numbers.

Approved by (Name): Eileen McMorrow-Ricca

Position: Accountable Manager

Signature: Eileen McMorrow-Ricca

Date: 3/20/2023

Statement of Maintenance Capability List

I hereby promise that all items listed in the Maintenance Capability List are within the scope of the Maintenance Certificate issued by the CAAC (Approval No. F00100495). We will keep the housing and facilities, tools and equipment, materials, airworthiness data and personnel relating to maintenance capability list available. We have established our work procedures per CCAR-145's requirement. And we will continuously be in compliance with CCAR 145's requirements.

Any change or revision of the Maintenance Capability List must be approved by CAAC.

Name: Eileen McMorrow-Ricca, Accountable Manager

Signature: Eileen McMorrow-Ricca

Date: 20 March 2023

(This statement must be signed by the accountable manager or authorized quality manager)

Kulite Component Maintenance Capability List

Item No.	Part Number	Description	ATA Chapter	MFR.	Technical Data		Main Equipment	RMK
1	APTE-299-1000-300mBARD	Pack Inlet pressure	2132	Kulite	ATP 3371	Test/Inspect	Note 1	
2	APTE-207-1000-4000SG	Hydraulic pressure	2932	Kulite	ATP 3194	Test/Inspect	Note 1	None
3	APTE-207A-1000-4000SG	Brake Pressure	2932	Kulite	ATP 3194	Test/Inspect	Note 1	K
4	ETM-146B-375-3000A	Accumulator Pressure Transducer	3240	Kulite	ATP 4568	Test/Inspect	Note 1	L
5	ETM-201CA-375-3000A	Pressure Transducer	3240	Kulite	ATP 3844	Test/Inspect	Note 1	L
6	APTE-208-1000-200G	ECS System	3600	Kulite	ATP 3195	Test/Inspect	Note 1	K
7	APTE182-30BARG	Bleed Air Pressure	7540	Kulite	ATP 3090	Test/Inspect	Note 1	K
8	APTE-323B-1000-(-.5to+4D)	Flow Balance Differential	3600	Kulite	ATP 3895	Test/Inspect	Note 1	K
9	APTE-395-1000-90G	Bleed Pressure Sensor	7540	Kulite	ATP 3687	Test/Inspect	Note 1	K
10	APTE-396-1000-180G	Bleed Monitoring Pressure Sensor	7540	Kulite	ATP 3688	Test/Inspect	Note 1	K
11	APTE-397-1000-(-0.5 to +4D)	Flow Balancing Differential Pressure Sensor	3600	Kulite	ATP 3689	Test/Inspect	Note 1	K
12	APT-9A-1500-500D	Fuel Gear Stage Delta P	7334	Kulite	ATP 3047	Test/Inspect	Note 1	None
13	APT-8A-1500-120D	Fuel Filter Delta P	7334	Kulite	ATP 3021	Test/Inspect	Note 1	None
14	APT-194-1000-340A	Fuel Boost Pressure	7333	Kulite	ATP 3022	Test/Inspect	Note 1	K
15	APT-194A-1000-340A	Fuel Pressure	7334	Kulite	ATP 3022	Test/Inspect	Note 1	K
16	APT-15-1250-950A	Fuel Manifold Pressure	7334	Kulite	ATP 3320	Test/Inspect	Note 1	None
17	APT353-1500	LP Fuel, Differential Pressure	7334	Kulite	ATP 3745	Test/Inspect	Note 1	K
18	APT-11B-1500	Fuel Pressure	7334	Kulite	ATP 3599	Test/Inspect	Note 1	E
19	APT400A1500	LP Fuel, Differential Pressure	7333	Kulite	ATP 4250	Test/Inspect	Note 1	K
20	APT17B1500	LP Fuel Filter Differential Pressure	7334	Kulite	ATP 4400	Test/Inspect	Note 1	E

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Kulite Component Maintenance Capability List									
Item No.	Kulite Part Number	Description	ATA Chapt	MFR.	Technical Data				
					Maintenance Function	ATP	CMM	Main Equipme	RMK
21	APT484A1500	Fuel Pressure	7334	Kulite	Test/Inspect	ATP 4717	73-34-12	Note 1	K
22	APT5001500	LP Fuel Filter Differential Pressure	7334	Kulite	Test/Inspect	ATP 4662	73-33-11	Note 1	L
23	APT500B1500	LP Fuel Filter Differential Pressure	7334	Kulite	Test/Inspect	ATP 4907	73-33-13	Note 1	M
24	APT-482-1250-60D	Fuel Filter Differential Pressure	7334	Kulite	Test/Inspect	ATP 4609	73-34-05	Note 1	L
25	APT-482A-1250-60D	Fuel Pressure	7334	Kulite	Test/Inspect	ATP 4833	73-34-05	Note 1	K
26	APT-482B-1250-60D	Fuel Filter Differential Pressure	7334	Kulite	Test/Inspect	ATP 4870	73-34-05	Note 1	L
27	APT-483-1250-1615A	Fuel Manifold	7334	Kulite	Test/Inspect	ATP 4634	73-21-35	Note 1	L
28	APT-483B-1250-500A	Fuel Manifold	7334	Kulite	Test/Inspect	ATP 4790	73-21-36	Note 1	L
29	APT-23B-1500-50D	Transducer, Delta Pressure Fuel Strainer	7334	Kulite	Test/Inspect	ATP 4313	77-41-12	Note 1	P
30	APT-496-1650-728A	Sensor-pressure-Air P3	7540	Kulite	Test/Inspect	ATP 4709	N/A	Note 1	L
31	APT-505-1200-100D	Sensor-pressure-Fuel Filter Differential (FFDP)	7334	Kulite	Test/Inspect	ATP 4721	N/A	Note 1	L
32	APT-424-1200-200D-1	Sensor-Pressure, Oil Filter Differential (OFDP)	7333	Kulite	Test/Inspect	ATP 4831	N/A	Note 1	L
33	APT-425-1000-400A-1	Sensor, Pressure, Oil (MOP)	7333	Kulite	Test/Inspect	ATP 4198	N/A	Note 1	L
34	APT-440-1000-100A	Pressure Sensor-Air	7740	Kulite	Test/Inspect	ATP 4308	77-34-06	Note 1	J
35	APT-440A-1000-100A	Pressure Sensor-Air	7740	Kulite	Test/Inspect	ATP 4507	77-34-06	Note 1	M
36	APT401-1500	Oil Filter/ Fuel, Return Tank, Differential Pressure	7931	Kulite	Test/Inspect	ATP 4095	77-39-06	Note 1	K
37	APTE-4-1250-130D	Oil Pressure	7931	Kulite	Test/Inspect	ATP 3330	77-41-02	Note 1	None
38	APTE-4A-1250-130D	Oil Pressure	7931	Kulite	Test/Inspect	ATP 4516	77-41-05	Note 1	G

Kulite Component Maintenance Capability List

Item No.	Part No	Description	ATA Chapter	MFR.	Maintenance Function	Technical Data		Main Equipment	RMK
						ATP	CMM		
39	APTE-4C-1250-130D	Oil Pressure	7931	Kulite	Test/Inspect	ATP 4714	77-41-05	Note 1	H
40	APT-12B-1500	Oil Pressure	7931	Kulite	Test/Inspect	ATP 3600	77-47-02	Note 1	E
41	APTE-142F-1000-130D	Engine Oil Pressure	7931	Kulite	Test/Inspect	ATP 2971	N/A	Note 1	K
42	APTE-177-1000-160D	Oil Pressure	7931	Kulite	ATP 3074	ATP 3074	79-31-68	Note 1	A
43	APT-7A-1500-7BARD	Oil Pressure	7931	Kulite	ATP 3039	ATP 3039	79-32-11	Note 1	A
44	APT-7B-1500-7BARD	Oil Pressure	7931	Kulite	ATP 3039	ATP 3039	79-32-11	Note 1	A
45	APTE-8A-2000-7BARD	Oil Pressure	7931	Kulite	ATP 3250	ATP 3250	79-32-12	Note 1	A
46	APTE-4RB-1625	Oil Pressure	7931	Kulite	ATP 3641	ATP 3641	79-33-11	Note 1	K
47	APT399-1500	Oil, Differential Pressure	7930	Kulite	ATP 4093	ATP 4093	79-33-02	Note 1	E
48	APT348-1500	HP Oil Filter, Differential Pressure	7930	Kulite	ATP 3684	ATP 3684	79-33-10	Note 1	K
49	APT18A1500	Oil Pressure	7931	Kulite	ATP 4401	ATP 4401	79-33-12	Note 1	K
50	APT354-1500	Oil Pressure	7930	Kulite	ATP 3769	ATP 3769	79-33-11	Note 1	K
51	APT15A1500	HP Oil Filter Differential Pressure	7930	Kulite	ATP 4399	ATP 4399	79-35-11	Note 1	E
52	APT15X1500	Plug	7900	Kulite	Test/Inspect	ATP 4556	79-35-14	Note 1	F
53	APT16-1500	Scavenge Oil Filter Differential Pressure	7930	Kulite	Test/Inspect	ATP 3892	79-35-13	Note 1	K
54	APT349-1500	Scavenge Oil Filter, Differential Pressure	7930	Kulite	Test/Inspect	ATP 3683	79-35-12	Note 1	K

Note 1: Refer Test Equipment listed next page

Note 2: * = New Addition to Maintenance Capability List Indicated by Revision Letter

Test Equipment

- A. Digital Multimeter. The meter is used to measure voltages, input and output to the pressure device. These can be pressure switches or transmitters (transducers)
An example of meters used are a Keithley, Model 179 or Model 191
- B. Power Supply: The regulated power supplied to the device for the purpose of testing for compliance to specifications.
An example of the power supply used is a Hewlett Packard, Model 6217A
- C. Pressure Source: A regulated pressure is applied to the device to obtain the specified output.
An example of a pressure source is a, Mensor, Model 11900-402
- D. Temperature Chamber: The temperature chamber is used to simulate the temperature the device will be exposed to in the installation. The temperature range of the test can be from -65°F to 250°F.
An example of a temperature chamber is Associated Environmental Systems, Model RW1100
- E. Megohmmeter: The megohmmeter is used to test the electrical wiring for integrity.
An example of a megohmmeter is Beckman Instruments, Model L-10A
- F. Dielectric Tester: The dielectric tester is used to test the insulation resistance of the circuitry.
An example of a dielectric tester is Associated Research Hypot, Model 412AI
- G. Vibration Shaker. The device is monitored while being subjected to a random vibration at 20 to 2000 Hz for five (5) minutes. This test will determine the stability of the unit.
An example of the vibration shaker is VTS Model 600