



Beechcraft

BY TEXTRON AVIATION

AIRCRAFT RB-293

Cessna Aircraft Pre-Buy Survey Report



Table of Contents

Table of Contents	2
General Aircraft Information.....	3
General Aircraft Information*	3
Aircraft Interior and Paint Information	3
Section 1: Document Review / Aircraft Records Inventory	4
Aircraft Records Inventory and Status.....	4
Record Review.....	5
Additional Time Limited Components	8
Component Expiration Requirements.....	Error! Bookmark not defined.
Section 2: Airframe Review	9
Tire Wear	9
Section 3: Engines.....	Error! Bookmark not defined.
Engine Records General Information	Error! Bookmark not defined.
Additional Notes and Comments	10

General Aircraft Information

General Aircraft Information*

Aircraft Make:	HAWKER BEECH	Aircraft Model:	PREMIER 390
Serial Number:	RB-293	Current Registration:	XA-VWA

Date of Airworthiness:	6/27/2012		
Total Airframe Time:	2032.0	Total Airframe Landings:	1683
L/H Engine S/N:	105499	R/H Engine S/N:	105498
L/H Engine Hours:	2032.0	R/H Engine Hours:	2032.0
L/H Engine Cycles:	1683	R/H Engine Cycles:	1683
APU P/N:	N/A	APU S/N:	N/A
APU Total Times:	N/A	APU Total Cycles:	N/A
Freon Hours:	390.03		

Primary Inspection Program:	91.409 (F)(3)		
Operating under FAA Part:	91		
Computerized Aircraft Maintenance Tracking Program:	CAMP		
Subscription Renewal/Expiration Date (if applicable):	N/A		
ProParts Contract Number:	N/A		
Engine Program Type and Number:	N/A		
Is Aircraft RVSM Certified?	YES	Is Aircraft CVR Equipped?	YES
Is Aircraft Equipped with 3 frequency ELT?	YES	Is Aircraft Equipped with Class A or B EGPWS?	B

**Information based on last flight log dated: 2/*

Aircraft Interior and Paint Information

Interior Installation Date:	6/27/2012
Interior Refurbishment Date:	10/4/2017
Refurbishment Completed By:	Aero Plus Interiors Arcola, TX

Date Painted:	1/10/2019
Painted By:	ALE Service – Apodaca Nuevo Leon Mexico.

Paint Color:	Paint Number:	Paint Manufacturer:
MATTERHORN WHITE	840103	Sherwin Williams
REGIMENTAL BLUE	07978	Sherwin Williams
GREEN	10895	Sherwin Williams
MEDIUM GRAY	00067	Sherwin Williams

Information contained in this report is a Pre-Buy Survey only and should not be interpreted as a certification of airworthiness. If you have any questions regarding the report, please contact the Service Center Customer Service Representative.

Section 1: Document Review / Aircraft Records Inventory

Refer to Discrepancy Section for all items noted during Airframe Review.

Aircraft Records Inventory and Status

Description	Quantity	Latest Revision	Latest Revision Date
Airframe Logbooks	1	N/A	N/A
Engine Logbook	2	N/A	N/A
Flight Logbook	18 journey logs	N/A	N/A
Airplane Flight Manual <i>Supplement Review Complete (date):</i>	1 3/20/2024	C9	8/2013
Airplane Operating Manual	1	A6	4/5/2007
Checklist	1 ordered new	4	4
Weight & Balance Manual <i>Date aircraft last weighed:</i> <i>Total Aircraft Weight:</i>	N/A 6/26/2021 8511.00	N/A	N/A
Maintenance Manual			
Illustrated Parts Catalog			
Wiring Diagram Manual			
Other:			
Other:			
Other:			

Airworthiness Certificate and Registration Information:

Issue Date:	10/10/2023	Registration:	UNK	Registration Expires:	UNK
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Record Review

Advisory Circular, Airworthiness Directive, Service Bulletin, and Service Letter Review:			
Date Review Accomplished:	3/21/2024		
Mandatory Airworthiness Directives, Service Bulletins/Letters that have NOT been complied with:			
SB/SL/AD #	TITLE	EFFECTIVITY	DISCREPANCY
SL390-34-01	NAVIGATION IMPLEMENT AIRPLANE FLIGHT MANUAL CHANGES AFTER DISABLING L NAV/VNAV	RB-282 AND ON	YES
FJ44-79-011	OIL-MAGNETIC SELF-CLOSING VALVE-REPLACE	ENG S/N 105242-105510 C/W AT FIRST SCHEDULED COMPRESSOR SECTION INSPECTION OR SUBSEQUENT MPI	NO
FJ44-72-115	ENGINE-DAMPENER BRACKET ASSY -INSTALL	ENG S/N 105242-105510 C/W AT FIRST SCHEDULED COMPRESSOR SECTION INSPECTION	NO
FJ44-72-129	ENGINE-INNER GUIDED ROLLER BEARING (No 3 BEARING) REPLACE	S/N 105498 (RIGHT ENG ONLY) AT NEXT SCHEDULED MPI (@ 3000 HRS)	NO

	RECOMMENDED SERVICE BULLETINS	THAT HAVE NOT BEEN COMPLIED WITH	
SB 390-34-01	NAVIGATION - GPS TRANSPONDER WIRING MODIFICATION	RB-2 THRU RB-295	NO
SB 52-4110	Doors - Introduction of Cabin Door Cable Bolt Kit (Kit 390-4014)	RB-275 THRU RB-295	NO
FJ44 72-022	Engine – Front Bypass Duct – Repair Right-Hand Service Adapter Insert	AS REQUIRED	NO
FJ44-72-098	Engine – 1st Reduction Bevel Gear Bearing Support – Rework or Replace	105421-105504 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-72-109	Engine – 1st Reduction Bevel Gear Ball Bearing – Replace	105242-105510 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-72-116	Engine – Diffuser Case Assembly – Rework or Replace	105242-105510 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-72-119	Engine – HP Compressor Rotor – Rework	105242-105510 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-72-130	Engine – HP Compressor Rotor – Inspection	105242-105510 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-72-133	Engine – 1st LP Turbine Nozzle – Replace	105451-105504 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
FJ44-73-062 R1	Engine Fuel and Control – Fuel Flow to Oil Cooler Tube Assembly – Replace	105242-105502 AT NEXT CHECK 1 OR CHECK 2 WHEN MATERIAL IN AVAILABLE	NO
WISB-73-1000 R1	Engine Fuel and Control – Fuel Tube Assemblies – Replace	105411-105510 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO
WISB-75-1001 R1	Air – I.P. Bleed Valve Lever Pin – Replace	105411-105511 AT NEXT (CSI) COMPRESSOR SECTION INSPECTION	NO

FAA Records CARES FILE						
Date Requested:	3/13/2024	Status of Request:		IN AIRCRAFT 3/2024 FILE		
Non-Standard Equipment and Supplemental Type Certificate Installations, Repair History & 337 Forms:						
Date	Description	Equipment List Updated	Flight Manual Supplement Installed in Manual (if applicable)	ICA's Entered into CESCO? (if applicable)	ICA's Up to Date? (if applicable)	Discrepancy (if required)
12/18/2018	FR-RB-293-4972 TEAR, RH ELEVATOR, LEADING EDGE SKIN, AT HINGE HOLE.	N/A	N/A	N/A	N/A	
1/8/2018	FR-RB-293-3700 IMPACT DAMAGE, EMERGENCY EXIT DOOR, CENTER, AT EDGE.	N/A	N/A	N/A	N/A	
9/26/2017	STC SA02279AT LoPresti Boom Beam Taxi/Landing Lights.	YES	N/A	N/A	N/A	
9/26/2017	Field Service Kit 390-3421-0003 (ADS-B OUT Installation	YES	YES	YES	YES	
9/26/2017	Installed WX 1000 Storm scope System IAW Raytheon Drawings	YES	N/A	N/A	N/A	
9/24/2012	WIRING INTERFACE-CABIN ICS SYSTEM, INTERCOM SYSTEM HBS DWG 251200014	YES	N/A	N/A	N/A	
6/27/2012	STC SA00907WI-D TCAS II Installation	YES	YES	N/A	N/A	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	
		Select One...	Select One...	Select One...	Select One...	

[illegible]

Section 2: Airframe Review

Refer to Discrepancy Section for all items noted during Airframe Review.

Tire Wear

Position (as applicable)	Part #	S/N	Tread Depth	Wheel S/N	Number of Tire Changes	NDI Requirement	
						Dye Pen	Eddy Current
L/H Main	026-618-0	2019P00098	5/32	0851	8	☒	☐
L/H Main Inboard	-----	-----	-----	-----	-----	☐	☐
L/H Main Outboard	-----	-----	-----	-----	-----	☐	☐
R/H Main	026-618-0	2018P00052	5/32	0834	10	☒	☐
R/H Main Inboard	-----	-----	-----	-----	-----	☐	☐
R/H Main Outboard	-----	-----	-----	-----	-----	☐	☐
Nose	019-611-0	9038S00332	1/32	0402	4	☒	☐
L/H Nose	-----	-----	-----	-----	-----	☐	☐
R/H Nose	-----	-----	-----	-----	-----	☐	☐

Comments:

Left wheel Right Wheel and Nose Wheels are all overdue Dye Pen Insp. (Is Required at 10 years and all are 12 years old with no Dye Pen record.)

Additional Notes and Comments

Spanish Language Log Entries to be Translated and reviewed again prior to final review of logbooks.
2/6/2024 Replaced RH #1 Flap Actuator.
12/15/2023 Flipped Main Tires on wheels for even wear.
11/30/2023 Flap Actuators swapped for troubleshooting.
9/29/2023 Replaced Emer Exit Window, Left Ice detector.
7/18/2023 Replaced Pressurization Controller.
7/14/2023 Replaced Left wing Fuel boost pump.
7/10/2023 A & B Inspections
7/8/2023 Fuel access panels removed and installed by S.W.A.T.
6/23/2023 Small delam repair on tail cone (SRM)
10/28/2022 Replaced Pressurization Controller.
9/16/2022 Replaced Pressurization Controller and misc C/B's
9/9/2022 Updated EGPWS to new database 629 per Honeywell SIL
6/28/2022 Nose gear assy repaired (lower bearing). Left and Right Brakes overhauled. Replaced Pressurization Controller. Compressor washes.
5/12/2022 Replaced Pressurization Controller.
2/18/2022 #1 Engine flameout- found and replaced contaminated fuel filters.
7/8/2021 Replaced Pressurization Controller.
7/3/2021 #1 & #2 FMC's overhauled (new mem batts installed), Replaced Pressurization Controller, New ship battery installed.
6/29/2021 Misc 200, 400, & 800 Hr Insp items, 1600 Hr blower R&R, O2 Bottle Hydro, L & R engine SB 72-1032 HPT disc replacements by Williams, Aircraft Re-weigh.
11/23/2020 Misc 200, 400, "A" Insp, Starters Overhauled, Eng fire bottle hydro. Replaced Heat Exchanger blower motor.
6/18/2020 Replaced Pressurization Controller.
1/9/2020 Replaced L pitot tube.
12/16/2019 Left Brake replaced. Left bi-level valve replaced, Eng bottle squibs replaced. AC compressor module replaced.(prev Air Cond Hobbs was 1246.0) new module/AC Hobbs would now be 0.0 Hobbs
10/20/2019 Re-located storm scope antenna per TAS DWG# TAS573190133 R1
8/22/2019 Replaced RH bi-level valve, Overweight landing inspection performed, RH Brake and Tire replaced. LH oil level sensor replaced.
4/26/2019 Tail Strobe replaced, nose tire replaced.
1/29/2019 Replaced Pitch trim Actuator.
1/10/2019 <u>Full Exterior Paint</u> , Controls balanced and re-installed. Aircraft Re-weigh. Leather replaced on Left and Right Work Tables. Work by ALE Service – Apodaca Nuevo Leon Mexico.
8/17/2018 Misc 200 Hr insp
1/25/2018 Replaced Artificial Horizon.
12/29/2017 <u>Full Exterior Paint</u> , - Murmer Aircraft Services Arcola TX
10/4/2017 "A, "B", 200 Hrs insp, Field Service Kit (ADS-B OUT) Installation, Rockwell Collins SB 34-506 Modify GPS4000S to 004 Status. Installed Stormscope System IAW Beech Dwg 390-344091 & 344189, Installed LoPresti Boom Beam Taxi/Landing Lights. Brakes Overhauled. <u>Interior Refurb</u> by Aero Plus Interiors
7/17/2017 Replaced Right Ice Detector.
3/18/2017 200 Hr Insp, Replaced Pressurization Controller.

3/10/2017 Fabricated and installed provisions for Garmin Strom scope antenna on upper fuselage skin IAW Raytheon Dwgs.
2/27/2017 FGC'S swapped, N1 sensors swapped, &Magnetic speed sensors swapped for troubleshooting, N1 Ship batt replaced
1/16/2017 Condensor Blower Replaced.
12/13/2016 Co-pilot's O2 Mask replaced w overhauled.
8/20/2016 Misc 48 Mo Insp.
5/20/2016 Replaced LH Windshield.
3/3/2016 "A" Insp, 200, 400 & 600 Hr Insp, replaced entry door damper fitting, door strut, fuselage paint touch ups.
8/7/2015 Replaced Left AOA sensor.
6/26/2015 Re-Weigh Aircraft.
5/29/2015 200 & 400 Hr Insp, Re-Weigh aircraft,
1/8/2015 Left and Right Brakes overhauled
9/1/2014 AOA sensors swapped for troubleshooting.
6/13/2014 Misc 200 Hr Insp,
4/21/2014 O2 Pressure gage replaced.
4/9/2014 Left and Right Temp Modulating Valves replaced
2/12/2014 Pitot Static checks
10/18/2013 Installed new Portable fire extinguishers.
6/11/2013 Piot's Windshield Replaced.
5/22/2013 Reseal Nose Strut
10/27/2012 Painted permanent registration XA-VWA on wings and tail
10/17/2012 Replaced Elevator trim gearbox.
10/19/2012 Replaced Ship Battery
10/1/2012 Updated all life vests Installed noise filter on galley CB per HBS Dwg
9/24/2012 Installed wiring interface-Cabin ICS system, Installed Standby altimeter kit –Export C of A to Mexico
8/30/2012 <u>Stripped / Sanded-Repainted Aircraft</u> by Hawker Beechcraft Services ICT and Re-weigh
6/27/2012 Orig C of A <u>Factory painted</u> and Reg N8113Q

Serial Number: RB-293
Registration Number: XA-VWA
Total Time: 2,032.0
Total Landings: 1,683
Date of C of A: 6/27/2012
Date Last Weighed: 6/26/2021

Airframe Hobbs: 2,032.0
Time & Landings current as of: 3/11/2024
Date This Shop Visit: 3/14/2024

Projection: Hours Cycles Cal Mo. Days
Airframe: _____
Engines: _____
Air Conditioner: _____

Today's date: 3/21/2024

Prepared By: DAVE H

Paint Scheme: Exterior
MATTERHORN WHITE CA8800/F17865
REGIMENTAL BLUE A07978
GREEN 6029 A10895
MEDIUM GRAY A07977

Interior
SOY CA8271/I7483
NEUTRAL CA8271/I7083
MEDIUM GREIGE CA8271/I7424
KEY CODE T4619

Engines

L/H Serial Number: 105499
L/H Model Number: FJ44-2A

TSN: 2,032.0
CSN: 1,683

TSO: N/A
CSO: N/A

TSHSI: N/A

R/H Serial Number: 105498
R/H Model Number: FJ44-2A

TSN: 2,032.0
CSN: 1,683

TSO: N/A
CSO: N/A

TSHSI: N/A

Air Conditioner Hobbs: 390.03

Manuals

POH/AFM Current Revision: ☐
Flight Manual Supplements: ☒
Wiring Diagrams: ☒
Weight and Balance Current: ☒

Notes:
Yes No
☐ ☒ MISSING TEMP CHANGE TC13
☒ ☐
☒ ☐ 3 LARGE AVIIONIC WIRING DIAGRAMS
☐ ☐

Avionics

COLLINS PROLINE 21

FAA Form 337's

Repairs:
Alterations:

Notes:
How Many
____ See Prebuy Survey
____ See Prebuy Survey

Inspection Program:

FAR 91.409 9 (e)(f)(3)

Certificates

Airworthiness: ☒ Yes ☐ No
Registration: ☒ Yes ☐ No (does N# serial number match)
☐ (current owner)

FOREIGN MEXICO
FOREIGN MEXICO

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.									
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT									
REVISION B3 8/1/2023		A/C S/N:	RB-293	A/C TOTAL TIME	2032.0	FHM:	2032.0	DATE:	3/20/2024		
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#	XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M		390.0			
Date component	expended at	A/C MFG DATE:	6/27/2012	A/C TOTAL CYCLES	1683						
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS	EXPENDED	REMAIN.	DUE	REMARKS
1906.50			5	200 HR SPECIAL INSPECTION ITEMS	N/A	N/A	200	HRS	125.5	74.5	2106.5
1906.50		051001	5	400 HR SPECIAL INSPECTION ITEMS	N/A	N/A	400	HRS	125.5	274.5	2306.5
1970.3			5	600 HR A INSPECTION	N/A	N/A	600	HRS	61.7	538.3	2570.3
1533.1			5	800 HR SPECIAL INSPECTION ITEMS	N/A	N/A	800	HRS	498.9	301.1	2333.1
1970.3			5	1200 HR B INSPECTION	N/A	N/A	1200	HRS	61.7	1138.3	3170.3
1906.50		SPC24	12	200 HOUR LUBRICATION ITEMS	SPC24		200	HRS	125.5	74.5	2106.5
1774.2		SPC25	12	600 HOUR LUBRICATION ITEMS	SPC25		600	HRS	257.8	342.2	2374.2
1970.3			12	1200 HOUR LUBRICATION ITEMS			1200	HRS	61.7	1138.3	3170.3
		SPC23 was 300A43	12	HYDRAULIC FILTERS PRESS AND RETURN REPLACEMENT SPC23 was 300A43		INITIAL HRS	200	HRS		N/A	—
1906.50						SUBSEQUENT HRS	400	HRS	125.5	274.5	2306.5
1906.50		SPC17, SPC18	21	FWD & AFT EVAPORATOR FILTER CHANGE & DRAIN CHECK SPC17, SPC18			200	HRS	125.5	74.5	2106.5
1970.3		TBO09	21	FWD COCKPIT EVAP BLOWER MOTOR (O/H) TBO09			1600	HRS	61.7	1538.3	1928.3
1533.1		TBO11	21	AFT CABIN EVAP BLOWER MOTOR (O/H) TBO11	390-385024-0005		1600	HRS	498.9	1101.1	1491.1
0.0		TBO13	21	AIR CONDITIONING CONDENSER BLOWER MOTOR OVERHAUL TBO13	390-385034-0007		2400	HRS	390.0	2010.0	2400.0
0.0		300A46	21	AIR CONDITIONING CONDENSER BLOWER MOTOR BRUSH INSP 300A46	390-385034-0007		1200	HRS	390.0	810.0	1200.0
1384.0		TBO15	21	BLEED AIR HEAT EXCHANGER BLOWER MOTOR OVERHAUL TBO15			2400	HRS	-994.0	3394.0	5426.0
1384.8		300A47	21	BLEED AIR HEAT EXCHANGER BLOWER MOTOR BRUSH INSP 300A47			1200	HRS	-994.8	2194.8	2584.8
246.7		300A42	21	AIR CONDITIONER COMPRESSOR MOTOR BRUSH INSPECTION 300A42	1260950		600	HRS	143.3	456.7	846.7
0.0		TBO18	21	AIR CONDITIONER COMPRESSOR MOTOR OVERHAUL TBO18	1260950		2000	HRS	390.0	1610.0	2000.0
1533.1		OPS04	21	PRIMARY & SECONDARY OUTFLOW VALVES & PRESSURIZATION MODE (DUMP) SWITCH FUNCTIONAL TEST OPS04			800	HRS	498.9	301.1	2333.1
0.0		100B14	21	CABIN BLEED AIR FLAPPER CHECK VALVE VISUAL INSPECT. AFT OF CAB EVAP BLOWER 100B14	390-385500-0001		6000	HRS	2032.0	3968.0	6000.0

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LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.															
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT															
REVISION B3 8/1/2023		A/C S/N:		RB-293		A/C TOTAL TIME		2032.0		FHM		2032.0		DATE:		3/20/2024	
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#		XA-VWA		TOTAL TIME NEXT INSPECTION DUE				AIR COND H/M		390.0					
Date component	expended at	A/C MFG DATE:		6/27/2012		A/C TOTAL CYCLES		1683									
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT			PART NUMBER	SERIAL NUMBER	LIMITS		EXPENDED	REMAIN.	DUE	REMARKS			
0.0		100B15	21	COCKPIT BLEED AIR FLAPPER CHECK VALVE INSPECTION F.S 197.42 100B15			390-385400-0001		6000	HRS	2032.0	3968.0	6000.0				
0.0		100B16	21	AFT COCKPIT BLEED AIR FLAPPER CHECK VALVE INSP (RH AV COMP) 100B16					6000	HRS	2032.0	3968.0	6000.0				
7/10/23		SPC01	23	CVR-ULB PING TEST INSPECTION SPC01					24	MO	8	16	7/9/2025				
		SPC01	23	CVR-ULB REPLACEMENT SPC01							REPLACE BATTERY ON OR BEFORE JAN/2025			REPLACE PER DATE ON BATT.			
		300A41 SPC22	24	LEAD ACID A/C BATTERY EMER CAP TEST 300A41 SPC22			RG-380/44		600	HRS		N/A	---	INITIAL			
									12	MO.		N/A	---				
		SPC22	24	LEAD ACID A/C BATTERY EMER CAP TEST SPC22			RG-380/44		400	HRS		N/A	---	IF ABOVE 90% ON CAP CHECK			
									6	MO.		N/A	---				
2027.0		SPC22	24	LEAD ACID A/C BATTERY EMER CAP TEST SPC22			RG-380/44		200	HRS	5.0	195.0	2227.0	IF 90% OR LESS ON CAP CHECK			
2/6/2024									3	MO.	1	2	5/7/2024				
		TBO17	24	LEAD ACID A/C BATT. REPLACEMENT TBO17			RG-380/44		1800	HRS		N/A	---	48 MO SERVICE LIFE			
7/3/2021									48	MO	33	15	7/2/2025	IF CMM TESTING IS NOT PERFORMED			
1384.8		TBO16	24	LEFT STARTER / GENERATOR OVERHAUL TBO16			390-389001-0001 MG94A-1		1400	HRS	647.2	752.8	2784.8				
1384.8		TBO16	24	RIGHT STARTER / GENERATOR OVERHAUL TBO16			390-389001-0001 MG94A-1		1400	HRS	647.2	752.8	2784.8				
1384.8		400A03	24	LEFT STARTER / GENERATOR BRUSH INSP 400A03					800	HRS	647.2	152.8	2184.8				
1384.8		400B03	24	RIGHT STARTER / GENERATOR BRUSH INSP 400B03					800	HRS	647.2	152.8	2184.8				
		SPC10	24	STANDBY POWER SUPPLY TEST / SECURAPLANE SPC10			390-384027-0001		3	MO		N/A	---	CMM 24-30-20 ONLY IF AC IDLE 90 DAYS OR MORE			
7/10/2023		SPC13	24	STANDBY POWER SUPPLY TEST / SECURAPLANE SPC13			390-384027-0001		12	MO	8	4	7/9/2024				
6/29/2021		TBO19	24	EMER POWER SUPPLY BATTERY REPLACEMENT TBO19			390-384027-0001		48	MO	33	15	6/28/2025				
0.0		OPS05	24	ELECTRICAL SYS LATENT FAILURE OPS TEST OPS05					2400	HRS	2032.0	368.0	2400.0				
		SPC04	25	GA12 VESTS RECERTIFICATION SPC04			GA-12	IF EQUIPPED	12	MO		N/A	---	MODEL GA-12 IS EVERY 12 MONTHS.			
2/1/2023		SPC06	25	PILOT'S VEST RECERTIFICATION SPC06			S-11150-1300		60	MO	14	46	1/31/2028	MODEL XF-35 P/N P01074-113 IS EVERY 60 MONTHS. MODEL XF-35 P/N P01074-201 IS EVERY 120 MONTHS. MODEL KSE-35L8 P/N P0723E105P IS EVERY 60 MONTHS			
12/23/2022		SPC06	25	CO-PILOT'S VEST RECERTIFICATION SPC06			S-11150-1300		60	MO	15	45	12/22/2027				
4/13/2022		SPC06	25	LIFE VEST #1 RECERTIFICATION SPC06			S-11150-1300		60	MO	23	37	4/12/2027				
4/13/2022		SPC06	25	LIFE VEST #2 RECERTIFICATION SPC06			S-11150-1300		60	MO	23	37	4/12/2027				
6/30/2022		SPC06	25	LIFE VEST #3 RECERTIFICATION SPC06			S-11150-1300		60	MO	21	39	6/29/2027				
4/13/2022		SPC06	25	LIFE VEST #4 RECERTIFICATION SPC06			S-11150-1300		60	MO	23	37	4/12/2027				

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.										
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT										
REVISION B3 8/1/2023		A/C S/N:	RB-293	A/C TOTAL TIME	2032.0	FHM	2032.0	DATE	3/20/2024			
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#	XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M		390.0				
Date component	expended at	A/C MFG DATE:	6/27/2012	A/C TOTAL CYCLES:	1683							
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS	EXPENDED	REMAIN.	DUE	REMARKS	
4/13/2022		SPC06	25	LIFE VEST #5 RECERTIFICATION SPC06	S-11150-1300		60	MO	23	37	4/12/2027	
6/20/2022		SPC06	25	LIFE VEST #6 RECERTIFICATION SPC06	S-11150-1300		60	MO	21	39	6/19/2027	
11/14/2023		SPC15	25	ELT INSPECTION, COMPLY WITH FAR 91.207D SPC15			12	MO	4	8	11/13/2024	
		SPC02	25	ELT BATTERY REPLACEMENT SPC02		N/A	REPLACE BATTERY ON OR BEFORE 7/30/2027				REPLACE PER DATE ON BATT	
		LIMITS04	25	FORWARD PARTITION PASSENGER DOOR LUMINOUS SIGN LIMITS04	129-380003-1	INITIAL MO	60	MO		N/A	---	INITIAL
11/14/2023				REPLACE IF FAILS 100 MICROLAMBERTS CK		SUBSEQUENT MO	12	MO	4	8	11/13/2024	
		LIMITS04	25	EMER. EXIT LUMINOUS SIGN-PULL LIMITS04	CAN/AC77-K	INITIAL MO	60	MO		N/A	---	INITIAL
11/14/2023				REPLACE IF FAILS 100 MICROLAMBERTS CK		SUBSEQUENT MO	12	MO	4	8	11/13/2024	
7/10/2023		SPC07	25	FIRST AID KIT (WITH JAROPS EQUIP. INSTALLED) SPC07	SPC07		12	MO	8	4	7/9/2024	
11/17/2024			25	FIRST AID KIT AV MED KIT CK EXPIRATION DATE AND ADJUST(IF INSTALLED)			12	MO	-8	20	11/17/2025	
11/14/2023		SPC08	26	COCKPIT FIRE EXTINGUISHER WEIGHT/ INSPECTION SPC08			12	MO	4	8	11/13/2024	
6/1/2021		200A01, LIMITS03	26	PORTABLE FIRE EXTINGUISHER HYDRO - TEST 200A01, LIMITS03			144	MO	34	110	5/29/2033	
11/19/2020		LIMITS01	26	ENG FIRE BOTTLE HYDRO TEST OR REPLACEMENT LIMITS01	34000018-1		60	MO	40	20	11/18/2025	
11/10/2023		LIMITS02	26	ENG FIRE BTL SQUIB #1 REPLACEMENT LIMITS02		TIME IN SERVICE	48	MO	4	44	11/9/2027	WHICHEVER COMES FIRST
5/12/2023						TIME SINCE MFG	72	MO	10	62	5/10/2029	
11/10/2023		LIMITS02	26	ENG FIRE BTL SQUIB #2 REPLACEMENT LIMITS02		TIME IN SERVICE	48	MO	4	44	11/9/2027	WHICHEVER COMES FIRST
5/12/2023						TIME SINCE MFG	72	MO	10	62	5/10/2029	
		300A26, OPS07	26	ENGINE FIRE EXTINGUISHING SYS VISUAL & FUNCTIONAL TEST 300A26, OPS07			600	HRS		N/A	---	
1774.2							1200	HRS	257.8	942.2	2974.2	
1200.1		OPS06	26	ENGINE FIRE DETECTION CONTROL & SENSOR CABLE OPS TEST OPS06			1200	HRS	831.9	368.1	2400.1	
1082.1	1887.0	LIMITS07	27	PITCH TRIM ACTUATOR REPLACEMENT SEND BACK TO CUST SUPPORT LIMITS07	390-386004		6000	HRS	2836.9	3163.1	5195.1	
1906.50		500C15, 600C15	27	FLAP ACTUATOR ATTACHMENT, & ELECT CONN VISUAL INSP 500C15, 600C15			200	HRS	125.5	74.5	2106.5	
		LIMITS09	27	FLAP ACTUATORS REPLACEMENT LIMITS09	SEE NOTE	Affected P/N's not installed	500	HRS		N/A	---	P/N'S 390-381402-0013,0014,000015,0016 & P/N390-381403-0008 ONLY
1774.2		500C24, 600C24	27	LIFT DUMP ACTUATOR INSP 500C24, 600C24			1000	HRS	257.8	742.2	2774.2	
		LIMITS10	27	L & R LIFT DUMP SPOILER PANELS REPLCMT LIMITS10	New Part Numbers to be installed: 390-381037-0001 390-381037-0002		1200	HRS		N/A	---	RSB #27-3783
		LIMITS10	27	L & R SPEED BRAKE PANELS REPLACEMENT LIMITS10	New Part Numbers to be installed: 390-381038-0001 390-381038-0002		1200	HRS		N/A	---	
		LIMITS10	27	L & R ROLL CONTROL PANELS REPLACEMENT LIMITS10	New Part Numbers to be installed: 390-381039-0001 390-381039-0002		1200	HRS		N/A	---	

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.									
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT									
REVISION B3 8/1/2023		A/C S/N:	RB-293	A/C TOTAL TIME:	2032.0	FHM:	2032.0	DATE:	3/20/2024		
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#	XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M:		390.0			
Date component	expended at	A/C MFG DATE:	6/27/2012	A/C TOTAL CYCLES:	1683						
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS	EXPENDED	REMAIN.	DUE	REMARKS
1774.2		300C07	27	ELEVATOR TRIM TAB FREE PLAY INSP 300C07	VISUAL		400	HRS	257.8	142.2	2174.2
1774.2		300C03, 300A05	27	PITCH TRIM ACTUATOR SYS, ACTUATOR, ATTACH BOLTS, UPPER BUSHING & STRUC INSP 300C03, 300A05	VISUAL & OPERATIONAL		400	HRS	257.8	142.2	2174.2
1906.50		500C07,	27	LEFT AILERON TRIM TAB SYS & PUSHROD INSP 500C07			400	HRS	125.5	274.5	2306.5
1774.2		600C07	27	RIGHT AILERON TRIM TAB SYS & PUSHROD INSP 600C07			400	HRS	257.8	142.2	2174.2
0.0		500C10, 500C11, 600C10, 600C11	27	AILERON TRIM TAB ACTUATOR ATTACH INSP 500C10, 500C11, 600C10, 600C11	VISUAL		3600	HRS	2032.0	1568.0	3600.0
1533.1		OPS11	27	RUDDER BOOST OPERATIONAL CHECK OPS11			800	HRS	498.9	301.1	2333.1
1906.5		100E06	30	WINDSHIELD SURFACE SEAL COATING VISUAL INSP 100E06			200	HRS	125.5	74.5	2106.5
1970.3		OPS24	30	ELECTROMAGNETIC EXPULSIVE DEICE (EMED) MANUAL OPS TEST OPS24			1200	HRS	61.7	1138.3	3170.3
0.0		300C18	30	ELECTROMAGNETIC EXPULSIVE DEICE ACTUATORS (EMED) REPLACENT AND SONIC TAP TEST 300C18	P/N 6501-01		5400	HRS	2032.0	3368.0	5400.0
0.0		OPS27	30	ENGINE ANTI-ICE VALVE PRES SWITCH FUNCTIONAL TEST OPS27	N/A		3600	HRS	2032.0	1568.0	3600.0
394.0		OPS21, OPS22	30	WING STRUCTURE & LEADING EDGE OVER-TEMP SWITCHES OPS TEST OPS21, OPS22	N/A	INITIAL HRS	400	HRS	1638.0	-1238.0	794.0
394.0						SUBSEQUENT HRS	3600	HRS	1638.0	1962.0	3994.0
1906.5		OPS20	30	ANTI-ICE PRESS & THERMAL CYCLE SWITCHES OPS TEST OPS20	N/A		400	HRS	125.5	274.5	2306.5
1906.5		OPS20	30	BLEED AIR CROSS FEED VALVE OPS TEST OPS20	N/A		400	HRS	125.5	274.5	2306.5
1906.50		OPS16, OPS31	31	FLAP/SPOILER TAKEOFF CONFIGURATION WARNING TEST OPS16, OPS31	OPERATIONAL		200	HRS	125.5	74.5	2106.5
1906.50		OPS37	31	DATA CONCENTRATOR UNIT (DCU) AURAL WARNING CHECK OPS37	N/A		200	HRS	125.5	74.5	2106.5
1906.50		OPS38	31	REVERSION SWITCHES OPS TEST OPS38	N/A		200	HRS	125.5	74.5	2106.5
0.0		700B21	32	L/H MAIN LANDING GEAR STRUCTURE (TRUNION) 700B21	N/A		6000	HRS	2032.0	3968.0	6000.0
0.0				VISUAL AND MAG PARTICLE			5000	LDG	1683.0	3317.0	5349.0
0.0		700C20	32	R/H MAIN LANDING GEAR STRUCTURE (TRUNION) 700C20	N/A		6000	HRS	2032.0	3968.0	6000.0
0.0				VISUAL AND MAG PARTICLE			5000	LDG	1683.0	3317.0	5349.0
0.0		700A13	32	NOSE LANDING GEAR STRUCTURE 700A13	N/A		6000	HRS	2032.0	3968.0	6000.0
0.0				VISUAL AND MAG PARTICLE			5000	LDG	1683.0	3317.0	5349.0
		200D08, OPS34	32	ANTI SKID OPERATIONAL CHECK 200D08, OPS34	VIS & OPERATIONAL	INITIAL HRS	200	HRS		N/A	---
1906.5						SUBSEQUENT HRS	400	HRS	125.5	274.5	2306.5

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.									
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT									
REVISION B3 8/1/2023		A/C S/N:	RB-293	A/C TOTAL TIME	2032.0	FHM	2032.0	DATE	3/20/2024		
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#	XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M:		390.0			
Date component	expended at	A/C MFG DATE:	6/27/2012	A/C TOTAL CYCLES:	1683						
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS	EXPENDED	REMAIN.	DUE	REMARKS
		SPC09	32	MAIN LANDING GEAR BRAKE INSPECTION SPC09	P/N390-388103-0003 ONLY		200	HRS	N/A	---	BF GOODRICH SB 2-1607-32-1 ATTACHED TO PREMIER COMMUNIQUE #6
1906.5		OPS33	32	NORMAL EMERGENCY BRAKE SYS TEST OPS33			400	HRS	125.5	274.5	2306.5
1970.30		SPC16	34	L/R PITOT/STATIC SYS DRAINING SPC16	N/A	N/A	200	HRS	61.7	138.3	2170.3
7/10/2023		SPC12	34	PITOT/STATIC SYS LEAK TEST SPC12	N/A	N/A	24	MO	8	16	7/9/2025
7/10/2023		100E10	34	RVSM CONTOUR INSPECTION 100E10	N/A	N/A	24	MO	8	16	7/9/2025
7/10/2023		SPC05	34	FAR 91.411 RE-CERTIFY #1 ADC SYSTEM (RVSM) SPC05			24	MO	8	16	7/9/2025
7/10/2023		SPC05	34	FAR 91.411 RE-CERTIFY #2 ADC SYSTEM (RVSM) SPC05			24	MO	8	16	7/9/2025
7/10/2023		SPC11	34	FAR 91.413 RE-CERTIFY #1 SYSTEM SPC11			24	MO	8	16	7/9/2025
7/10/2023		SPC11	34	FAR 91.413 RE-CERTIFY #2 SYSTEM SPC11			24	MO	8	16	7/9/2025
7/10/2023		SPC03	34	STANDBY ALTIMETER CALIBRATION SPC03			24	MO	8	16	7/9/2025
7/10/2023			34	RVSM ACCURACY INSPECTION AND MACH ACCURACY CHECK	N/A	N/A	24	MO	8	16	7/9/2025
5/30/2010		LIMITS12, 13	35	O2 CYL -SP8162 REPLACE LIMITS12, 13	N/A	S/N 24534	180	MO	166	14	5/26/2025
6/22/2021		TBO06	35	O2 CYL -SP8162 HYDRO TBO06			60	MO	33	27	6/21/2026
6/22/2021		TBO06	35	OXYGEN REGULATOR TBO06	BOOK SAYS 3YR		60	MO	33	27	6/21/2026
6/18/2020		TBO07	35	CABIN OXYGEN CONTROL SOLENOID VALVE O-RING REPLACEMENT TBO07	N/A	N/A	48	MO	45	3	6/17/2024
8/30/2019		SPC14	35	PASSENGER OXYGEN MASK REPLACEMENT/OVERHAUL SPC14	174095		96	MO	55	41	8/28/2027
4/20/2023		SPC26	35	PILOT'S OXYGEN MASK REPLACEMENT/OVERHAUL SPC26	174252-13		72	MO	11	61	4/18/2029
4/20/2023		SPC26	35	CO-PILOT'S OXYGEN MASK REPLACEMENT/OVERHAUL SPC26	SWEEP-ON 2000		72	MO	11	61	4/18/2029
1906.50		SPC19	36	EMPTY MOISTURE FROM PNEUMATIC DRAIN LINE SPC19			200	HRS	125.5	74.5	2106.5
0.0		200C01	52	PASSENGER DOOR INSPECTION 200C01	N/A	INITIAL HRS	2400	HRS	2032.0	368.0	2400.0
		VISUAL AND A-SCAN ONLY IF SUSPECT ON VISUAL INSP (UT)				SUBSEQUENT HRS	1200	HRS		N/A	---
0.0		200C03	52	EMERGENCY EXIT HATCH 200C03	N/A		6000	HRS	2032.0	3968.0	6000.0
		VISUAL					6000	HRS		N/A	---
0.0		800A07	52	AFT BAGGAGE AND AVIONICS DOOR LATCH PINS EDDY CURRENT INSP 800A07	N/A	INITIAL HRS	6000	HRS	2032.0	3968.0	6000.0
		EDDY CURRENT				SUBSEQUENT HRS	6000	HRS		N/A	---
0.0		100E07	53	FRONT & SIDE WINDSHIELD CLAMPS 100E07	N/A	INITIAL HRS	6000	HRS	2032.0	3968.0	6000.0
		EDDY CURRENT P/N 390-420046 & 47				SUBSEQUENT HRS	1200	HRS		N/A	---

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.									
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT									
REVISION B3 8/1/2023		A/C S/N:	RB-293	A/C TOTAL TIME	2032.0	FHM:	2032.0	DATE:	3/20/2024		
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#	XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M:		390.0			
Date component	expended at	A/C MFG DATE:	6/27/2012	A/C TOTAL CYCLES:	1683						
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS	EXPENDED	REMAIN.	DUE	REMARKS
0.0		200C02	53	FWD FUSELAGE SHELL AND FWD TO AFT SPICE VISUAL INSPECTION 200C02	N/A	INITIAL HRS	2400	HRS	2032.0	368.0	2400.0
						SUBSEQUENT HRS	1200	HRS		N/A	---
0.0		300A07	53	AFT FUSELAGE SHELL INSPECTION 300A07	N/A	INITIAL HRS	2400	HRS	2032.0	368.0	2400.0
				VISUAL		SUBSEQUENT HRS	1200	HRS		N/A	---
1296.7		100C01, 100D03	53	FWD PRESSURE BULKHEAD EDDY CURRENT INSPECTION 100C01, 100D03	N/A		2400	HRS	735.3	1664.7	3696.7
6/18/2020				VISUAL			96	MO	45	51	6/16/2028
0.0		200B01	53	AFT PRESSURE BULKHEAD INSP 200B01	N/A	INITIAL HRS	2400	HRS	2032.0	368.0	2400.0
				VISUAL		SUBSEQUENT HRS	1200	HRS		N/A	---
0.0		300A10	53	VERT TAIL AFT SPAR EDDY CURRENT INSPECTION 300A10	N/A		10000	HRS	2032.0	7968.0	10000.0
							3200	HRS		N/A	---
											NEW ITEM
		300A08	53	EMPENNAGE FITTING & FWD CANTED BULKHEAD EDDY CURRENT INSPECTION 300A08	N/A		6000	HRS		N/A	---
							216	MO		N/A	---
											THIS ONE WAS DELETED
0.0		300A09	53	HORIZONTAL CENTER FITTING VISUAL PLUS EDDY CURRENT INSP AS REQUIRED 300A09		INITIAL INSPECTION	6000	HRS	2032.0	3968.0	6000.0
						SUBSEQUENT INSPECTION	6000	HRS		N/A	---
											NEW ITEM
1296.7		300A06	53	RUDDER & ATTACHMENT STRUCTURE 300A06			1200	HRS	735.3	464.7	2496.7
6/18/2020				VISUAL			48	MO	45	3	6/17/2024
1296.7		300A02	53	ELEVATOR & ATTACHMENT STRUCTURE 300A02			1200	HRS	735.3	464.7	2496.7
6/18/2020				VISUAL			48	MO	45	3	6/17/2024
1296.7		300A04	53	SCISSORS FITTINGS (UPPER & LOWER YOKE) 300A04			1200	HRS	735.3	464.7	2496.7
6/18/2020				VISUAL			48	MO	45	3	6/17/2024
0.0		100E08	56	WINDSHIELDS AND WINDOWS 100E08	N/A	INITIAL HRS	2400	HRS	2032.0	368.0	2400.0
				P/N 384000, 4001, 4119, VISUAL		SUBSEQUENT HRS	1200	HRS		N/A	---
											CHGED CH 4 ITEM
1906.5		SPC20	57	ENSURE L & R WING LEADING EDGE DRAIN HOLES ARE FREE OF OBSTRUCTIONS SPC20			200	HRS	125.5	74.5	2106.5
0.0		500A12, 600A11	57	LWR WING SKIN JACK PAD HOLE THRU SPAR FLANGE EDDY CURRENT INSP 500A12, 600A11			3600	HRS	2032.0	1568.0	3600.0
						SUBSEQUENT HRS	3000	HRS		N/A	---
											NEW ITEM
1384.8		500A02, 600A02	57	WING ATTACH LINKS 500A02, 600A02	N/A	VISUAL	1200	HRS	647.2	552.8	2584.8
											CHGED CH 4 ITEM

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REVISION B3 8/1/2023		A/C S/N:		RB-293		A/C TOTAL TIME:		2032.0		FHM:		2032.0		DATE:		3/20/2024	
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#		XA-VWA		TOTAL TIME NEXT INSPECTION DUE				AIR COND H/M:		390.0					
Date component	expended at	A/C MFG DATE:		6/27/2012		A/C TOTAL CYCLES:		1683									
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT		PART NUMBER	SERIAL NUMBER	LIMITS		EXPENDED	REMAIN.	DUE	REMARKS				
0.0		500B01, 600B01	57	WING SPAR 1- WSTA50.50-90.00 P/N 390-110004 EDDY CURRENT 500B01, 600B01		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	6000	HRS		N/A	---					
0.0		500B02, 600B02	57	WING SPAR 2- WSTA50.50-90.00 P/N 390-0004 &0384 EDDY CURRENT 500B02, 600B02		N/A	INITIAL HRS	6000	HRS	2032.0	3968.0	6000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	3600	HRS		N/A	---					
0.0		500B03, 600B03	57	WING SPAR 3 WSTA 50.50-90.00 P/N 390-110017 EDDY CURRENT 500B03, 600B03		N/A	INITIAL HRS	6000	HRS	2032.0	3968.0	6000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	1800	HRS		N/A	---					
0.0		500B04, 600B04	57	WING SPAR 4 WSTA 50.50-90.00 P/N 390-110018 EDDY CURRENT 500B04, 600B04		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	6000	HRS		N/A	---					
0.0		500B05, 600B05	57	WING SPARS 5 WSTA 50.50-90.00 P/N 0006 &383 EDDY CURRENT 500B05, 600B05		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	6000	HRS		N/A	---					
0.0		500B06, 600B06	57	WING SPARS 5 WSTA 50.50-90.00 P/N 0006 &383 EDDY CURRENT 500B06, 600B06		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	6000	HRS		N/A	---					
0.0		500A01, 600A01	57	WING CENTERLINE RIB & SPLICE PLATE EDDY CURRENT 500A01, 600A01				6000	HR	1492	4508	8/31/2399	CHGED CH 4 ITEM				
6/27/2012								216	MO	141	75	6/23/2030					
0.0		500A03	57	WING & FUSELAGE SPIGOT FITTINGS BORESCOPE 500A03		N/A	INITIAL HRS	14400	HRS	2032.0	12368.0	14400.0	CHGED CH 4 ITEM				
							SUBSEQUENT HRS	7200	HRS		N/A	---					
0.0		500A04, 600A0	57	WING AUX SPAR & BLKHD ATTACH FITTINGS 500A04, 600A03				6000	HR	1492	4508	8/31/2399					
6/27/2012								216	MO	141	75	6/23/2030					
0.0		300A44	71	LEFT ENG FWD AND AFT ENGINE FITTINGS EDDY CURRENT PLUS VISUAL INSP 300A44		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	CHANGED CH 4 ITEM				
				P/N'S 390-44081(FWD & 390-440250 (AFT)			SUBSEQUENT HRS	12000	HRS		N/A	---					
0.0		300A44	71	RIGHT ENG FWD AND AFT ENGINE FITTINGS EDDY CURRENT PLUS VISUAL INSP 300A44		N/A	INITIAL HRS	12000	HRS	2032.0	9968.0	12000.0	2500 HOURS OR OVERHAUL WHICHEVER COMES FIRST				
							SUBSEQUENT HRS	12000	HRS		N/A	---					
0.0		710121, 710123,710125	71	LEFT ENG FWD AND AFT ISOLATOR MOUNTS REPLACEMENT LIMITS08		P/N 390-389000 & 390- 389021	N/A	2500	HRS	2032.0	468.0	2500.0	2500 HOURS OR OVERHAUL WHICHEVER COMES FIRST				
0.0		710122, 710124,710126	71	RIGHT ENG FWD AND AFT ISOLATOR MOUNTS REPLACEMENT LIMITS08		P/N 390-389000 & 390- 389021	N/A	2500	HRS	2032.0	468.0	2500.0					
1970.3		OPS41	71	ENGINE IDLE SPEED / LEAK CK OPS41		C/W CK1 & LEAK CK HYDRAULIC PACK	N/A	300	HRS	61.7	238.3	2270.3	SAME TIME AS CHECK 1 AND OR CHECK 2				
			72	LEFT ENGINE MPI INSPECTION		FJ44-2		1750	HRS		N/A	---	IF NOT ON TAP+OR- 50 HRS				
			72	RIGHT ENGINE MPI INSPECTION		FJ44-2		1750	HRS		N/A	---	IF NOT ON TAP+OR- 50 HRS				

LAST UPDATED 2/5/2024		TEXTRON AVIATION SERVICE - ICT WICHITA KS.										
Component Installation History		PREMIER 390 SERIES MAINTENANCE REQUIREMENTS REPORT										
REVISION B3 8/1/2023		A/C S/N:		RB-293	A/C TOTAL TIME:	2032.0	FHM:		2032.0		DATE:	3/20/2024
A/C TT, TC, or	Hrs, Cyc, or Mo.	A/C REG#		XA-VWA	TOTAL TIME NEXT INSPECTION DUE		AIR COND H/M:		390.0			
Date component	expended at	A/C MFG DATE:		6/27/2012	A/C TOTAL CYCLES:	1683						
installed on aircraft.	time of installation.	TASK CODE	ATA	ITEM/REQUIREMENT	PART NUMBER	SERIAL NUMBER	LIMITS		EXPENDED	REMAIN.	DUE	REMARKS
		TBO03	72	LEFT ENGINE OVERHAUL TBO03	FJ44-2		3500	HRS		N/A	---	IF NOT ON TAP+OR- 50 HRS
		TBO03	72	RIGHT ENGINE OVERHAUL TBO03	FJ44-2		3500	HRS		N/A	---	IF NOT ON TAP+OR- 50 HRS
			72	LEFT ENGINE MPI INSPECTION	FJ44-2		2000	HRS		N/A	---	IF ON TAP PRE S/B FJ44-72-125
			72	RIGHT ENGINE MPI INSPECTION	FJ44-2		2000	HRS		N/A	---	IF ON TAP PRE S/B FJ44-72-125
		TBO03	72	LEFT ENGINE OVERHAUL TBO03	FJ44-2		4000	HRS		N/A	---	IF ON TAP PRE S/B FJ44-72-125
		TBO03	72	RIGHT ENGINE OVERHAUL TBO03	FJ44-2		4000	HRS		N/A	---	IF ON TAP PRE S/B FJ44-72-125
0.0			72	LEFT ENGINE MPI INSPECTION	FJ44-2		3000	HRS	2032.0	968.0	3000.0	IF ON TAP POST S/B FJ44-72-125
0.0			72	RIGHT ENGINE MPI INSPECTION	FJ44-2		3000	HRS	2032.0	968.0	3000.0	IF ON TAP POST S/B FJ44-72-125
0.0		TBO03	72	LEFT ENGINE OVERHAUL TBO03	FJ44-2		6000	HRS	2032.0	3968.0	6000.0	IF ON TAP POST S/B FJ44-72-125
0.0		TBO03	72	RIGHT ENGINE OVERHAUL TBO03	FJ44-2		6000	HRS	2032.0	3968.0	6000.0	IF ON TAP POST S/B FJ44-72-125
0.0		TBO04	72	RIGHT ENGINE DRIVEN HIGH PRESSURE FUEL PUMP OVERHAUL TBO04			5000	HRS	2032.0	2968.0	5000.0	RECENT TMDA USE WILLIAMS
0.0		TBO04	72	LEFT ENGINE DRIVEN HIGH PRESSURE FUEL PUMP OVERHAUL TBO04			5000	HRS	2032.0	2968.0	5000.0	RECENT TMDA USE WILLIAMS
1970.3		051001	72	LEFT & RIGHT ENGINE CHECK #1 SPC21			300	HRS	61.7	238.3	2270.3	
1970.3		052002	72	LEFT & RIGHT ENGINE CHECK #2			600	HRS	61.7	538.3	2570.3	
		052003	72	LEFT & RIGHT ENGINE CHECK #3	HOT SECTION		1750	HRS		N/A	---	IF NOT ON TAP OR TAP ADVANTAGE PROGRAM
		052003	72	LEFT & RIGHT ENGINE CHECK #3	HOT SECTION		2000	HRS		N/A	---	IF ON TAP PRE S/B FJ44-72-125
0.0		052003	72	LEFT & RIGHT ENGINE CHECK #3	HOT SECTION		3000	HRS	2032.0	968.0	3000.0	IF ON TAP POST S/B FJ44-72-1032
			72	LEFT AND RIGHT ENGINE DESALINATION RINSE AND COMPRESSOR WASH	ON CONDITION		200	HRS		N/A	---	RECOMMENDED
0.0		LIMITS11	72	LH ENG HYD PUMP TUBE REPLACEMENT LIMITS11 P/N 390-580035-1 OR 35-5	ONLY		2500	HRS	2032.0	468.0	2500.0	REPLACE @ ENGINE O/H OR 2500 HRS
1970.3			79	LEFT ENGINE OIL CHANGE		N/A	600	HRS	61.7	538.3	2570.3	
1970.3			79	RIGHT ENGINE OIL CHANGE		N/A	600	HRS	61.7	538.3	2570.3	
1774.2		340002U	STC	COLLINS IFIS 5000 SYSTEM ICA INSPECTION ITEMS	IF EQUIPPED		600	HRS	257.8	342.2	2374.2	DOC. #RAS050500200
		128	MISC.	CHECK AFM FOR CURRENT REVISION STATUS	390-590001		EACH INSP		CURRENT AS OF THIS DATE			
		129	MISC.	CHECK POM FOR CURRENT REVISION STATUS	390-590001		EACH INSP		CURRENT AS OF THIS DATE			

[illegible]

#

FAA Airworthiness Directives Compliance Record

Company: AVEMEX, S.A. DE C.V.

Category: Airframe

Manufacturer: Hawker Beechcraft

Model: 390

Position:

P/N:

S/N: RB-~~XXX~~
RB-293

Aircraft Registration No: XA-VWA

Veryon Revision: 3/13/2024

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2023-10-02 5/26/2023	To Address Radio Altimeter Anomalies That Are Undetected by the Automation or Pilot, Particularly Close to the Ground (e.g., Landing Flare), Could Lead to Loss of Continued Safe Flight and Landing. Additionally, Radio Altimeter Anomalies Could,contd.	7/10/2023 Hrs: 1970.3 C: 1639	.AD required information added to AFM Limitations section. ENTRY BY TEXTRON AVIATION HOUSTON	No	D: -- Hrs: -- C: --	ICT CNQR918C/CRS Dave Hammond Dave Hammond
2021-23-12 12/9/2021	To Address the Radio Altimeter Anomalies That Are Undetected by the Automation or Pilot, Particularly Close to the Ground (e.g., Landing Flare), Could Lead to Loss of Continued Safe Flight and Landing	1/5/2022 Hrs: 1636.1 C: 1439	TASK DONE IAW OI-ASC180-2021 ENTRY BY ALE SERVICE CENTER TOLUCA MEXICO THEN SUPERSEDED	No	D: -- Hrs: -- C: --	ICT CNQR918C/CRS Dave Hammond Dave Hammond
2017-18-11 10/16/2017	To prevent cracking of the EDP that could cause leakage of hydraulic fluid and possibly lead to loss of normal,contd.	10/23/2017 Hrs: 852.5 C: 866	P/C/W This AD does not apply because the aircraft doesn 't have installed a Serial Number affected, in accordance of Parker Service Bulletin 66179-29-486, Table 1 Section A. Entry by ALE, Toluca Mexico.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: 1
Manufacturer: Williams International
Model: FJ44-2A

Position: LEFT
P/N:
S/N: 10XXXX

Veryon Revision: 3/13/2024

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2022-13-15 8/9/2022	To Prevent Cracking and Failure of the HPT Disk Posts. The Unsafe Condition, if Not Addressed, Could Result in Release of the HPT Blade, Damage to the Engine, and Damage to the Airplane	7/15/2022 Hrs: 1784.3 C: 1528	Previously complied with service bulletin WISB-72-1032 on engine No.2 P/N 56000 S/N 105498 by Williams International on 24/Jun/2021 at 1533.1 hours and 1373 cycles. This satisfies the requirements of AD 2022-13-15.	No	D: -- Hrs: -- C: --	ICT CNQR918C/CRS Dave Hammond Dave Hammond

Category: Engine
Manufacturer: Williams International
Model: FJ44-2A

Position: RIGHT
P/N:
S/N: 10XXXX

Veryon Revision: 3/13/2024

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2022-13-15 8/9/2022	To Prevent Cracking and Failure of the HPT Disk Posts. The Unsafe Condition, if Not Addressed, Could Result in Release of the HPT Blade, Damage to the Engine, and Damage to the Airplane	7/15/2022 Hrs: 1784.3 C: 1528	Previously complied with service bulletin WISB-72-1032 on engine No.1 P/N 56000 S/N 105499 by Williams International on 24/Jun/2021 at 1533.1 hours and 1373 cycles. This satisfies the requirements of AD 2022-13-15 ENTRY BY TEXTRON AVIATION HOUSTON	No	D: -- Hrs: -- C: --	ICT CNQR918C/CRS Dave Hammond Dave Hammond

Category: Active Flt Disp (AFD)

Manufacturer: Collins

Model: AFD-3010

Position:

P/N:

S/N:

Veryon Revision: 3/13/2024

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
--		-- Hrs: -- C: --		--	D: -- Hrs: -- C: --	

Category: Fire Extinguishers

Position:

Veryon Revision: 3/13/2024

Manufacturer: Fire Fighting

P/N:

Model: 1211

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2010-01-03 1/20/2010	To identify & replace certain FFE(Fire Fighting Enterprises) portable cabin and toilet compartment fire extinguishers	3/21/2024 Hrs: 2032.0 C: 1683	FOUND NOT APPLICABLE PER MFG OF PORTABLE FIRE EXTINGUISHER INSTALLED. (HAS AMEREX)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Fire Extinguishers

Position:

Veryon Revision: 3/13/2024

Manufacturer: SICLI

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2010-04-16 3/8/2010	To identify and replace fire extinguishers Halon 1211 (BCF) with serviceable units	3/21/2024 Hrs: 2032.0 C: 1683	FOUND NOT APPLICABLE PER MFG OF PORTABLE FIRE EXTINGUISHER INSTALLED. (HAS AMEREX)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C /CRS Dave Hammond Dave Hammond

Category: Oxygen System

Position:

Veryon Revision: 3/13/2024

Manufacture: Aerospace

P/N:

Model: 174085 - ()

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2011-14-08 8/19/2011	To prevent the in-line flow indicators of the oxygen mask assembly from fracturing and separating which could,contd.	3/21/2024 Hrs: 2032.0 C: 1683	FOUND NOT APPLICABLE PER MFG OF PASSENGER MASKS INSTALLED. (8/2019 AND 11/2019)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C /CRS Dave Hammond Dave Hammond

Category: Oxygen System

Position:

Veryon Revision: 3/13/2024

Manufacturer: BE Aerospace

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2010-11-05 7/6/2010	To prevent an oxygen cylinder from rupturing, which, depending on the location, could result in,contd.	3/21/2024 Hrs: 2032.0 C: 1683	Not Applicable due to equip not installed.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Flight Management Sy

Position:

Veryon Revision: 3/13/2024

Manufacturer: Avidyne Corporation

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2015-10-51 7/1/2015	To prevent such incorrect display of lateral deviations, which could result in the pilot making flight,contd.	3/21/2024 Hrs: 2032.0 C: 1683	Found Not Applicable per Equipment Not Installed. No Action Reqd.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: ATC Transponder/ System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Collins

P/N:

Model: TDR-94D

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2014-18-01 10/14/2014	To detect and correct Mode S transponders that do not respond correctly to Mode S Only All-Call,contd.	10/8/2016 Hrs: 659.3 C: 677	VERIFIED THIS AIRCRAFT IS CONFIGURED WITH STRAPPING TYPE 0 NO FURTHER ACTION IS REQUIRED IAW SIL 07-02 REV 1 DATED SEP 02-2008. ENTRY BY ALE TOLUCA MEXICO.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Oxygen System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Intertechnique

P/N:

Model: MC10

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2018-21-14 3/27/2019	To prevent a harness rupture during a sudden depressurization event, which could result in hypoxia,contd.	3/21/2024 Hrs: 2032.0 C: 1683	Found Not Applicable per Equipment Not Installed. (Has B/E Aerospace)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond
2015-23-09 12/28/2015	To detect and correct affected oxygen mask regulators, which could lead, in case of mask usage at or above 10,000,contd	1/7/2016 Hrs: 567.2 C: 578	This AD not apply because the aircraft doesn't have installed the Oxygen Mask Regulator Part Number affected. Entry by ALE Toluca Mexico.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2015-08-07 6/16/2015	To detect & correct defective harnesses, which could lead, in case of a sudden depressurization event,contd.	5/31/2017 Hrs: 818.4 C: 839	This AD is not applicable for this aircraft SN RN-293 due to crew oxygen mask regulator installed is not affected. Entry by ALE, Toluca Mexico	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: TCAS System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Aviation Communication

P/N:

Model: TCAS 2000

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
--		-- Hrs: -- C: --		--	D: -- Hrs: -- C: --	

Category: Altimeter

Position:

Veryon Revision: 3/13/2024

Manufacturer: United Instruments

P/N:

Model: P/N 5934A

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2017-04-06 4/7/2017	To prevent display of misleading altitude data, which could result in inadvertent flight into,contd.	10/23/2017 Hrs: 852.5 C: 866	This AD not apply because the aircraft doesn't have installed the Altimeter Part Number affected. Entry by ALE Toluca Mexico	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: ELT Systems

Position:

Veryon Revision: 3/13/2024

Manufacturer: Ameri-King

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2017-16-01 10/24/2017	[Recurring] To detect and correct nonfunctioning ELTs, which, if not corrected, could delay or impede the rescue of,contd.	10/24/2017 Hrs: 852.5 C: 866	P/C/W Found Not Applicable per ELT Mfg Not Installed. Entry by ALE Toluca Mexico	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Emergency/Survival Equip.

Position:

Veryon Revision: 3/13/2024

Manufacturer: BE Aerospace

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2017-18-12 10/16/2017	To inspect and correct Protective Breathing Equipment (PBE) from catching fire upon activation	10/23/2017 Hrs: 852.5 C: 866	Not Applicable per Protective Breathing Equipment Not Installed. Entry by ALE, Toluca Mexico.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Flight Management Sy

Position:

Veryon Revision: 3/13/2024

Manufacturer: Collins

P/N:

Model: FMC-3000

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
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Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2020-10-05 6/24/2020	To prevent the FMC from issuing an incorrect turn direction command. The unsafe condition, if not addressed, could result in a collision or controlled flight into terrain	6/21/2021 Hrs: 1533.1 C: 1373	Removed #1 CSU-3100 P/N 822-1363-002 S/N 4B1LT and #2 CSU-3100 P/N 822-1363-002 S/N 4B1LR. Placed word 10 switch 4 is set to 0 per RockwellCollins services information letter CSU-XX00-18-1 dated June/27/2018 on both CSU's. Confirmed temperature compensation is not visible on both FMS CDU. Installed #1 CSU-3100 P/N822-1363-002 S/N 4B1LT and #2CSU-3100 P/N 822-1363-002 S/N 4B1LR. Entry by Textron Aviation Service Houston.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Flight Data System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Rockwell Collins, Inc.

P/N:

Model: FDSA-6500

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2021-05-17 4/29/2021	To Prevent Conflicting TCAS Information, Which Could Result in the Pilot Under Correcting or Over-Correcting and May Lead to Inadequate Aircraft Separation and a Mid-Air Collision	3/21/2024 Hrs: 2032.0 C: 1683	Found Not Applicable to Proline 21 Aircraft	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond
2019-12-09 7/23/2019	Superseded by 2021-05-17	-- Hrs: -- C: --	superseded	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: S. Belts

Manufacturer: Pacific Scientific Co.

Model: Any Model

Position:

P/N:

S/N:

Veryon Revision: 3/13/2024

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2021-07-13 5/11/2021	[Recurring] To Address a Cracked Rotary Buckle Handle, Which Could Prevent a Strap from Releasing As Intended When the Buckle is Rotated	3/21/2024 Hrs: 2032.0 C: 1683	Found AD is not applicable to this aircraft by equipment manufacturer. (Has AM Safe)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: Global Positioning System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Rockwell Collins, Inc.

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2021-08-07 5/12/2021	To Prevent a Misleading GPS Position on an LPV Approach. The Unsafe Condition, if Not Addressed, Could Result in a Misleading GPS Position on an LPV Approach Resulting in Controlled Flight Into Terrain	3/21/2024 Hrs: 2032.0 C: 1683	Found Not Applicable per GPS Unit P/N Installed. (Has a -004)	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Category: TCAS System

Position:

Veryon Revision: 3/13/2024

Manufacturer: Garmin International

P/N:

Model: Any Model

S/N:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2021-08-15 5/17/2021	To Address the GTS Processor Units Issuing False Resolution Advisories (RAs) When No Risk of Collision or Loss of Separation Exists Between the Airplanes Involved, Which Can Lead to a Mid-Air Collision with a Third Airplane	3/13/2024 Hrs: 2032.0 C: 1683	Found Not Applicable per Equip Not Installed.	No	D: -- Hrs: -- C: --	Textron Aviation Service CNQR918C/CRS Dave Hammond Dave Hammond

Search Criteria

2 Records Found.

Pub Number	Title Description	Model/Variant	Serial Number
		390 Premier I (RB-Serials)	RB-293
AD Number	Compliance	ATA Chapter	Publication Type

Mandatory

It is the responsibility of the owner/operator to ensure that a Service Bulletin is applicable to their airplane before performing an inspection or modification. Warranty adjudication will not be administered based on search results. If necessary, contact Customer Support for technical assistance: 800-429-5372.

Pub No.	Rev No.	AD No.	Chapter	Date	Compliance	Title Description
SL390-34-01	-	No record, Gen Sqk	34	6/10/2021	Mandatory	NAVIGATION - IMPLEMENT AIRPLANE FLIGHT MANUAL CHANGES AFTER DISABLING LNAV/VNAV
SB 29-4161	-	P/C/W 2/14/2017 N/A	29	11/1/2016	Mandatory	Hydraulic Power - Parker Engine Driven Hydraulic Pump

NOMBRE		LICENCIA		AERONAVE PREMIER IA			AVEMEX S.A. DE C.V.		
APITAN:	LUIS DR210	200105265	UNIDAD	FABRICANTE	MODELO	SERIE	BITACORA DE VUELO		
RIMER OFICIAL	RICARDO MORITA	202213474	PLANEADOR	TEXTRON AVIATION INC	390	RB-293			
OLICITADO POR			MOTOR 1	WILLIAMS INTERNATIONAL	FJ44-2A	105499	FECHA		
IRMA DEL CAP.			MOTOR 2			105498	11/03/24		
							FOLIO:	290	

#	RUTA		HORA UTC						ATERRIZAJES	COMBUSTIBLE CARGADO	COMBUSTIBLE CONSUMIDO	NUMERO DE PASAJEROS	OBSERVACIONES
	ORIGEN	DESTINO	SALIDA	LLEGADA	TIEMPO DE CALZO A CALZO	DESPEGUE	ATERRIZAJE	TIEMPO DE VUELO					
1	AGS	105	15:25	16:55	01:30	15:40	16:45	01.05	1	1136LBS	1100LBS	2	
2													
3													
4													
5													
TOTAL ACUMULADO													

#	LECTURAS	N1 (%)	ITT (°C)	N2 (%)	PRESION DE ACEITE (PSI)	TEMP. ACEITE (°C)	FLUJO COMB.	VOLTAJE AC-DC	AMPS	HIDRAULICO (PSI)	ACEITE CARGADO	CICLOS	INSPECCIÓN PREVUELO	INSPECCIÓN POSTVUELO
1	Motor 1	102.6	732	93.0	64	84	530	28.3 Vc	110	3000	---	1	K995	K107
	Motor 2	102.6	724	92.9	62	89	540	28.3 Vc	110		---	1		
2	Motor 1													
	Motor 2													
3	Motor 1													
	Motor 2													
4	Motor 1													
	Motor 2													
5	Motor 1													
	Motor 2													

#	PESO DE DESPEGUE	ALTITUD	MACH	OAT	ALTIMETRO / RVSM						TIEMPOS TOTALES DE LA AERONAVE			
					PILOTO AL MANDO		PRIMER OFICIAL		AUXILIAR / CENTRAL		PLANEADOR	TOTAL DE HORAS	ATZ	TURM
					LECT. 1	LECT. 2	LECT. 1	LECT. 2	LECT. 1	LECT. 2				
1	12039	41360	0.761		18500	29000	18500	29000	18600	29020		2032.0	1603	
2														
3														
4														
5														

		
ESTADOS UNIDOS MEXICANOS AGENCIA FEDERAL DE AVIACIÓN CIVIL		
CERTIFICADO DE AERONAVEGABILIDAD Estandar		
NUM. 20231626		
STANDARD CERTIFICATE OF AIRWORTHINESS, NUM		
6. MARCAS DE NACIONALIDAD Y MATRICULA/ NATIONALITY AND REGISTRATION, MARKS XA-VWA	5. FABRICANTE Y MODELO/ MANUFACTURER AND MODEL HAWKER BEECHCRAFT 390	4. NUMERO DE SERIE/ SERIAL NUMBER RB-293
3. CATEGORIA / CATEGORY 4. NORMAL		
2. EL PRESENTE CERTIFICADO DE AERONAVEGABILIDAD SE OTORGA DE ACUERDO CON LA LEY DE AVIACIÓN CIVIL Y SU REGLAMENTO DE CONFORMIDAD CON EL CONVENIO SOBRE AVIACIÓN CIVIL INTERNACIONAL DE FECHA 07 DE DICIEMBRE DE 1944 CON EL CUAL EL GOBIERNO DE AERONAVEGABILIDAD LE MIENTRAS SE MANTENGA Y UTILICE DE ACUERDO CON LO QUE ANTECEDE Y LAS LIMITACIONES DE UTILIZACIÓN PERMITIDAS. THIS AIRWORTHINESS CERTIFICATE IS ISSUED IN ACCORDANCE WITH THE INTERNATIONAL CIVIL AVIATION AGREEMENT DATED ON DECEMBER 7 TH 1944 AND THE MEXICAN AIRWORTHINESS CODE FOR THE AIRCRAFT MENTIONED ABOVE WHICH WILL BE CONSIDERED IN AIRWORTHINESS CONDITIONS AS LONG AS IT IS MAINTAINED AND USED IN ACCORDANCE WITH THE STATED RULES AND THE RESPECTIVE USAGE LIMITATIONS.		
FECHA DE EXPEDICIÓN: ISSUE DATE: 10/10/2023		
ING. RODRIGO HERNÁNDEZ JIMÉNEZ INSPECTOR VERIFICADOR / INSPECTOR		
FECHA DE VENCIMIENTO: EXPIRATION DATE: 08/10/2025		
ING. ALFREDO VÁZQUEZ VÁZQUEZ COMANDANTE DE AEROPUERTO / AIRPORT COMMANDER		
1. OBSERVACIONES / REMARKS		
ESTE CERTIFICADO DEBERÁ SER COLOCADO EN UN LUGAR VISIBLE EN LA AERONAVE / DISPLAY THIS CERTIFICATE IN A VISIBLE PLACE.		

PLANEADOR / AIRFRAME		
POSEEDOR / HOLDER AVEMEX, S.A DE C.V.		
DIRECCIÓN DEL POSEEDOR / ADDRESS OF HOLDER CALLE A, HANGAR 14, LOTE 35, AEROPUERTO INT'L. DE TOLUCA, SAN PEDRO TOTOLTEPEC, C.P. 50226, TOLUCA, EDO. DE MEX.		
BASE DE OPERACIONES / OPS. BASE TOLUCA, MEX.	TRIPULACIÓN DE VUELO / FLIGHT CREW DOS	NO. DE PASAJEROS / NUM. OF PAX SEIS
SERVICIO DESTINADO / SERVICE PUBLICO	PESO TOTAL AL DESPEGUE / MAX TAKE OFF WEIGHT 5,669.90 KGS.	
MOTORES / ENGINES // QUEMADORES / BURNERS		
FABRICANTE / MANUFACTURER WILLIAMS INTERNATIONAL	MODELO / MODEL FJ44-2A	EMPLUJE O POTENCIA / THRUST OR POWER 2300 LBS
HELICES O ROTORES PRINCIPALES / PROPELLERS OR MAIN		
FABRICANTE / MANUFACTURER *****	MODELO DEL NÚCLEO / HUB MODEL *****	MODELO DE LAS PLACAS / BLADES MODEL *****
ROTOR DE COLA / TAIL ROTOR		
FABRICANTE / MANUFACTURES *****	MODELO DEL NÚCLEO / HUB MODEL *****	MODELO DE LAS PLACAS / BLADES MODEL *****
AUTORIZADO PARA REALIZAR OPERACIONES TIPO / KIND OF OPERATIONS AUTHORIZED		
OPERACIONES VISUALES NOCTURNAS / VISUAL NIGHT OPERATIONS ☐ SI ☒ NO		
OPERACIONES POR INSTRUMENTOS / IFR OPERATIONS ☒ SI ☐ NO		
ESPECIFICACIONES DADAS AL NIVEL DEL MAR Y ATMÓSFERA TIPO / SEA LEVEL SPECIFICATIONS AND STANDARD ATMOSPHERE. ÚNICAMENTE PILOTOS CON LICENCIA MEXICANA PODRÁN VOLAR ESTA AERONAVE / MEXICAN LICENSE PILOT FLIGHT ONLY.		
CUALQUIER ALTERACIÓN, REPRODUCCIÓN O MAL USO QUE SE HAGA CON ESTE CERTIFICADO, SE SANCIONARÁ CONFORME A DERECHO. ANY ALTERATION, REPRODUCTION OR INCORRECT USAGE OF THIS CERTIFICATE, WILL BE PROCESSED ACCORDING TO THE LAW.		
ESTE CERTIFICADO DEBERÁ SER COLOCADO EN UN LUGAR VISIBLE EN LA AERONAVE / DISPLAY THIS CERTIFICATE IN A VISIBLE PLACE.		
FOLIO: 1853 / 2023 AFAC-18		



SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
AGENCIA FEDERAL DE AVIACIÓN CIVIL

CERTIFICADO DE MATRICULA
REGISTRATION CERTIFICATE

Número: Number:	35757
Marcas de Nacionalidad y Matricula Nationality and Registration Marks	XA-VWA (EXTRA ALFA VICTOR WISKY ALFA)
Servicio a que se destina Service	PÚBLICO
Marca y Modelo de la Aeronave Make and model	HAWKER 390
Número de serie de la Aeronave Aircraft serial number	RB-293
Fabricante Manufacturer	HAWKER BEECHCRAFT CORPORATION
Nombre del propietario Owner	-----
Domicilio Address	-----
Nacionalidad Nationality	-----
Título de propiedad Property title	-----
Poseedor Possessor	AVENEX, S.A. DE C.V.
Domicilio Address	CALLE 4 HANGAR 14, LOTE 35, AEROPUERTO INTERNACIONAL DE TOLUCA, SAN PEDRO TOTOLTEPEC, C.P. 50226, TOLUCA, EDO. DE MÉXICO.
Título de Tenencia Tenancy title	CONTRATO DE ARRENDAMIENTO DE FECHA 22 DE OCTUBRE DE 2019.
Aeródromo habitual de la Aeronave Operations base	AEROPUERTO INTERNACIONAL DE TOLUCA

Este documento certifica que la aeronave descrita se le ha otorgado las marcas de nacionalidad y matrícula mexicana que se indican, inscribiéndose en el Registro Aeronáutico Mexicano de conformidad con el Convenio de Aviación civil Internacional de fecha 7 de Diciembre de 1944 y la legislación mexicana.

This document certifies that the aircraft above described has acquired the Mexican Nationality and Registration Marks shown above and has been registered before the Mexican Civil Aviation Registry in accordance with the Convention on International Civil Aviation, executed on December 7th 1944 and the Mexican Legislation.

Ciudad de México, a 18 de Diciembre de 2019

LIC. RAFAEL GARCÍA GUJÓN

DIRECTOR GENERAL ADJUNTO DE TRANSPORTE Y CONTROL AERONÁUTICO

EN TERMINOS DEL ARTICULO 21, FRACCION IX DEL REGLAMENTO INTERIOR DE LA SECRETARIA DE COMUNICACIONES Y TRANSPORTES.

Small Cabin Aircraft Info Sheet

ACFT S/N	RB-293	Tail No.	XA-VWA	Revision	206796
ACFT Hobbs	2032.0	APU Hobbs	N/A	Freon Hours	390.03
	#1 Engine	#2 Engine	APU		
P/N	FJ44-2A 56000	FJ44-2A 56000	N/A		
S/N	105499	105498	N/A		
DOM	9/23/2011	8/30/2011	N/A		
S/G S/N	427AB	743AB	N/A		
Alt. S/N	N/A	N/A	N/A		
Fuel	P/N	78186	78186		
Controls	S/N	RF13444761	RF13444764		
Wheels & Tires					
	LH	RH	Nose		
Wheel	3-1576	3-1576	3-1586		
P/N					
Wheel	0851	0834	0402		
S/N					
Tire	026-618-0	026-618-0	019-611-0		
P/N					
Tire	2019P00098	2018P00052	9038S00332		
S/N					
Tread	5/32	5/32	1/32		
Depth					
VESTS: misc P-7/10/23, C/P, 1, 2- 12/30/22, 3- 7/10/23, 4,5- 12/30/23, 6- 7/10/23.					
Crew Masks			Portable Fire Extinguishers		
	Pilot	Copilot	Cockpit	Cabin	
P/N	174252-13	174252-13	C352TS	N/A	
S/N	23595	20790	G-40531726	N/A	
DOM/OH	4/2023 4/2029	4/2023 4/2029	6/29/2021	N/A	
EGPWS Class		Ops Manual		First Aid Kit	INSP-7/2024



Model: 390 A/C Serial Number: RB-293 Registration Number: N8113Q

EXTERIOR PAINT:

PRC Desoto Light Light Gray CA8221/I2674
PRC Desoto Light Gray CA8221/I2149
PRC Desoto Gray CA8221/I2673
PRC Desoto Dark Gray CA8221/I26270
PRC Desoto Black CA8800/F7038
Sherwin Williams Toreador Red A07982
Sherwin Williams Butterfly Yellow A05859

INTERIOR PAINT:

Soy CA8271/I7483
Neutral CA8271/I7083
Medium Greige CA8271/I7424

Key No. T4619

INSPECTION STATUS

In accordance with the requirements of FAR 91.409, this aircraft will be operated and maintained on a current inspection program recommended by the manufacturer (FAR 91.409 Par. F, Option 3).

RVSM COMPLIANCE STATEMENT

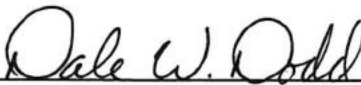
This airplane has been demonstrated to meet the requirements of 14CFR 91 Appendix G and qualified for flight operations in Reduced Vertical Separation Minimum (RVSM) designated airspace. This does not constitute operational approval.

STC'S

This aircraft has the following STC's incorporated into the production of this Unit at build:

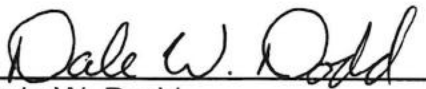
1. SA00907WI-D TCAS II System Installation

Date: 06-27-2012


Dale W. Dodd
For Hawker Beechcraft Corporation

AIRWORTHINESS CERTIFICATE

I have inspected this aircraft and issued a STANDARD Airworthiness Certificate Dated 06-27-2012. Time: 10.5 Landings: 10


Dale W. Dodd
ODA-230339-CE
Hawker Beechcraft Corporation

Model 390 Premier I/IA

Textron Aviation Services Weight & Balance

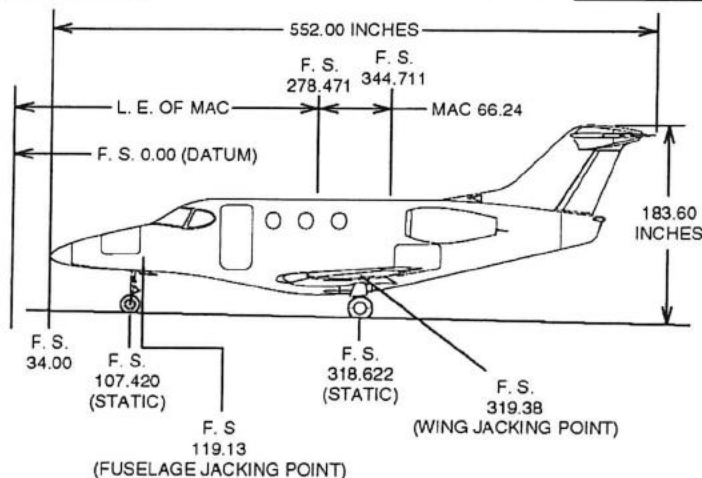


S/N: RB-75 and After and Prior Serials MODIFIED BY KIT P/N 390-9200

SERIAL NUMBER: **RB-293**

REGISTRATION No.: **XA-VWA**

DATE: **6/26/2021**



POSITION	SCALE READING	ARM (INCHES)	MOMENT
L/H WING	3,920.00	319.38	1,251,969.60
R/H WING	4,040.00	319.38	1,290,295.20
NOSE	520.00	119.13	61,947.60
TOTALS	8480.00	307.10	2,604,212.40

ITEM	WEIGHT	C.G. ARM (INCHES)	MOMENT
	(POUNDS)		
AIRPLANE (CALCULATED OR AS WEIGHED) (INCLUDES ALL UNDRAINABLE FLUIDS & FULL OIL)	8,480.00	307.10	2,604,212.40
UNUSABLE FUEL (Gravity Fill)	31.00	274.70	8,515.70
NOTE:			
BASIC EMPTY WEIGHT	8511.00	306.98	2,612,728.10

NOTE: Engine oil must be at the full level in each tank.

INSPECTOR SIGNATURE

D. Andrew Bright

INSPECTOR NAME

Service Center Location: Houston, TX CRS# CNQ9918C

SCALE USED: **Evergreen JP50000-3**

KIT S/N: **3866-3C**

CAL. DATE: **10/1/2021**

NOTE: FLIGHT CREW IS RESPONSIBLE TO INSURE PROPER LOADING OF AIRCRAFT PRIOR TO FLIGHT.

Datos de la Aeronave	
Cliente	Aerolíneas ejecutivas S.A. DE
Matricula	XA-VWA
Fabricante	HAWKER
Modelo	390 (IA)
N/S	RB-293
Configuración	2 PILOT 6 PAX
O.T.	3219

Datos Equipo de Pesado		
Modelo	N/S	Prox. Calibración
N60-6-SH-000-1	2112	21-Mar-19
	2113	21-Mar-19
	2114	21-Mar-19

Datos Lugar de Pesado	
Ubicación	AEROPUERTO INT. DEL NORTE
Elevación	1476 ft
Latitud	25° N

Lecturas de Pesado					
Reacciones	Lectura (lb)	Tara (lb)	Peso Neto (lb)	Brazo (in)	Momento (lb-in)
Tren Izquierdo	4005	0	4005		
Tren Derecho	4072	0	4072		
Subtotal			8077	318.62	2573493.74
Nariz o Cola	462	0	462	107.42	49628.04
Pesado Total			8539	307.19	2623121.78
(-) Combustible no utilizable			-45.4	291.20	-13220.48
(-) Aceite			17.2	390.50	-6716.60
Peso Vacío (EW)			8476.40	307.11	2603184.70
(+) Aceite			17.2	390.50	6716.6
(+) Combustible no drenable			14.4	326.80	4705.92
Peso Básico Vacío (BEW)			8508.00	307.31	2614607.22

Centro de Gravedad en % de (MAC), SMC, etc. (Si aplica):	
BEW C.G. in % MAC =	$\frac{307.31-278.471}{66.24} * 100 = 43.54 \%$

Peso Básico Vacío (BEW)	8508.00	307.31	2614607.22
(+) Pilotos	352.74	167.00	58907.58
(+) Balsa	35.5	330.00	11715
Ejemplo de Peso Básico de operación (BOW)	8896.24	301.84	2685229.80

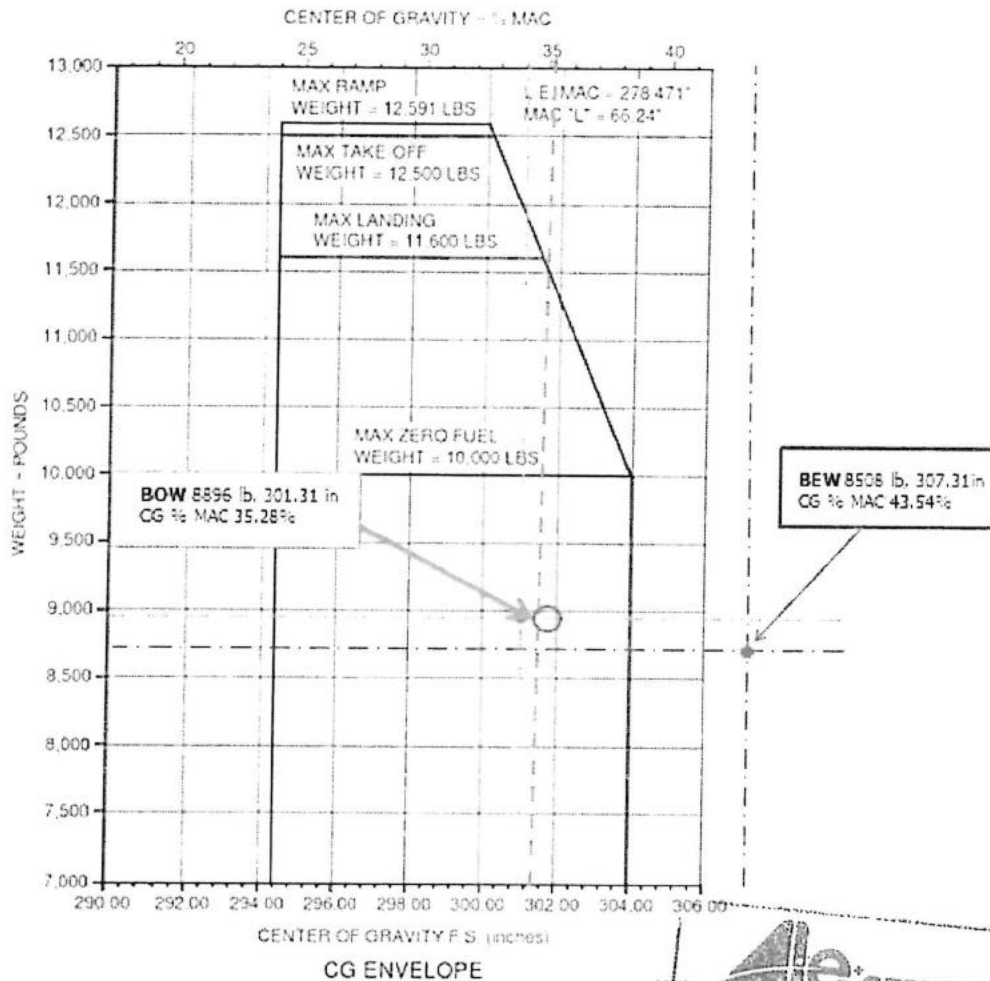
Centro de Gravedad en % de (MAC), SMC, etc. (Si aplica):	
BOW C.G. in % MAC =	$\frac{301.84-278.471}{66.24} * 100 = 35.28 \%$



PROPIEDAD DE ALE SERVICE CENTER (ASC)

SE PROHIBE SU DISTRIBUCION, COPIA Y USO DE DICHA INFORMACION SIN EL PREVIO CONSENTIMIENTO POR ESCRITO DE ASC

Centro de Gravedad



ALE SERVICE CENTER
ALE SERVICE CENTER, S. DE R.L. DE C.V.
 Aeropuerto Internacional del Norte
 Carretera a Salinas, Lote 25, 27 y 29
 Apodaca Nuevo León, México 66650
 R.F.C. HBS-991122-LZA Tel. (52 81) 8851 7005
 D.G.A.C. No. 253

Autorizado por: 

Condiciones de Pesado

La aeronave fue pesada y balanceada de acuerdo con las instrucciones descritas en el capítulo 08-20-00-201, 08-10-00-201 y 07-10-01-201 del Manual de Mantenimiento y sección 6 (Peso y Balance) del Manual de Vuelo de la Aeronave, este formato certifica el Peso Básico Vacio contemplando el siguiente equipo semifijo de emergencia a bordo:

Botiquín:	Yes (X) No ()	Cantidad:	1
Extintores:	Yes () No (X)	Cantidad:	-
Chalecos:	Yes (X) No ()	Cantidad:	8
Lámpara:	Yes (X) No ()	Cantidad:	2
Balsa:	Yes () No (X)	Cantidad:	-
PBE:	Yes () No (X)	Cantidad:	-
Manuales:	Yes () No (X)	Cantidad:	-
Otro:	N/A	Cantidad:	
Fluidos a nivel:	Yes (X) No ()		

Observaciones:

La aeronave fue pesada en hangar cerrado.

Elaborado por:	Ing. Saul Alberto Torres Zamilpa	
Cédula:	9215844	Firma:



WEIGHT AND BALANCE REPORT AND SUPPLEMENTAL EQUIPMENT LIST

AIRCRAFT: XA-VWA Model: 390 S/N: RB-293
TODAYS DATE: 10/5/2017

	WEIGHT	ARM	MOMENT
PREVIOUS BASIC EMPTY WEIGHT	8436.00	307.35	2592780.00
Removed:			
Added:			
LoPresti Boom Beam Light Ballast	3.00	218.00	654.00
WX-1000E Processor	5.78	371.00	2144.38
WX-1000E Processor rack	0.70	371.00	259.70
Stormscope antenna	1.90	363.00	689.70
TOTAL OF ITEMS INSTALLED	9.48		3058.08
NEW BASIC EMPTY WEIGHT AND C.G. DATA	8447.38	307.30	2595838.08

BEW C.G. in %MAC = $\frac{CG - 278.47 \times 100}{66.24} =$ % MAC 44.6

NOTE: This report supersedes previous weight & balance computations on: 11/14/2012

SIGNATURE OF AUTHORIZED PERSON:



Mark Beyer

For Textron Aviation Service, Houston, TX CRS# XA1R605K



Hawker Beechcraft Services

1980 Airport Rd.

Wichita, KS 67209

FAA Certified Repair Station BWVR672C

EASA Certified Repair Station 145.5086

SERVICES

Basic Empty Weight and Balance

Serial No.: RB-293

Date: 8/28/2012

REFERENCE DIMENSIONS IN FUSELAGE STATIONS (INCHES AFT OF DATUM)				
Wheel Axle Centerlines:	Nose	Main	Jack Point Locations:	
Extended Strut	106.92	318.62	Nose	119.13
Compressed Strut	107.76	318.62	Main	319.38

Reaction - Wheel	Scale Reading (lb.)	Tare (lb.)	Net Weight (lb.)	Arm (in.)	Moment (lb.-in.)
Left Main	3,875.0		3,875.0	319.38	1,237,598
Right Main	4,030.0		4,030.0	319.38	1,287,101
Nose	500.0		500.0	119.13	59,565
Total - As Weighed	8,405.0		8,405.0	307.47	2,584,264

Additions and Subtractions to As Weighed Condition:

Add: Drainable Unusable Fuel			31.0	274.70	8,516
------------------------------	--	--	------	--------	-------

BASIC EMPTY WEIGHT (BEW) - ACTUAL			8,436.0	307.35	2,592,780
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$$\%MAC = ((CG-278.471)/66.24)*100$$

43.6 %MAC

Note: Basic Empty Weight includes full engine oil and unusable fuel.

Prepared by:

Dan Bacon

Dan Bacon

Quality Control Inspector

Scale Mfg.: Intercomp AC100 Series 95

Kit S/N: 799186

Calibration Date: 11/14/2012



SERVICES

Hawker Beechcraft Services
1980 Airport Rd.
Wichita, KS 67209
FAA Certified Repair Station BWVR672C
EASA Certified Repair Station 145.5086

Sample Loading

Serial No.: RB-293

Date: 8/28/2012

Line	Item	Weight (lb.)	CG (in.)	Moment (lb.-in.)	CG (%MAC)
1	BASIC EMPTY WEIGHT	8,436.0	307.35	2,592,780	43.6
2	Pilot & Copilot	340.0	167.00	56,780	
3	Provisions/Miscellaneous	60.0	-	156	
4	Operating Weight	8,836.0	299.88	2,649,716	32.3
5	Passengers:				
	FWD RH, Aft Facing	170.0	228.00	38,760	
	FWD LH, Aft Facing	170.0	230.00	39,100	
	Center, FWD Facing (2)	340.0	281.00	95,540	
	Aft, FWD Facing (2)	340.0	309.00	105,060	
6	Baggage:				
	Nose		100.00		
	Aft Cabin		329.50		
	Aft Fuselage		392.00		
7	Cabinet Contents		-		
8	Zero Fuel Weight	9,856.0	297.10	2,928,176	28.1
	DO NOT EXCEED 10,000 LBS				
9	Fuel @ 6.7 lb./gal.	2,820.0	283.83	800,401	
10	RAMP WEIGHT	12,676.0	294.1	3,728,576	23.7
	DO NOT EXCEED 12,591 LBS.				
11	Less Fuel for Start, Taxi & Take-off	-91	-	-269	
12	TAKE-OFF WEIGHT	12,585.0	296.3	3,728,307	26.8
	DO NOT EXCEED 12,500 LBS.				
13	Total Fuel from Line 9	2,820.0			
14	Less Fuel used to Destination including Start, Taxi and Take-off	-2,150.0			
15	Total Fuel Remaining (MOM/100 from Usable Fuel Moment Table)	670.0	275.67	184,699	
16	Zero Fuel Weight from Line 8	9,856.0	297.10	2,928,176	
17	Add Fuel Remaining from Line 15	670.0	275.67	184,699	
18	LANDING WEIGHT	10,526.0	295.73	3,112,875	26.1
	DO NOT EXCEED 11,600 LBS.				

Hawker Beechcraft Corporation
Premier I/IIA Model 390

AFM
Section 6 - Wt and Bal/Equip list

Basic Empty Weight and Balance - As Certificated

Serial No. RB-293

Date: 6/25/2012

REFERENCE DIMENSIONS IN FUSELAGE STATIONS (INCHES AFT OF DATUM)					
Wheel Axle Centerlines:	<u>Nose</u>	<u>Main</u>	Jack Point Locations:		
Extended Strut	106.92	318.62	Nose	119.13	
Compressed Strut	107.76	318.62	Main	319.38	

Reaction - Jack Points	SCALE READING (lb.)	TARE (lb.)	NET WEIGHT (lb.)	ARM (in.)	MOMENT (lb.-in.)
Left Main	4,030.0	0	4,030.0		
Right Main	3,880.0	0	3,880.0		
Sub Total - Mains	7,910.0	0	7,910.0	319.38	2,526,296
Nose	494.0	0	494.0	119.13	58,850
Total - As Weighed	8,404.0	0	8,404.0	307.61	2,585,146

Additions and Subtractions to As Weighed Condition:

Add: Drainable Unusable Fuel			31.0	274.70	8,516
Add: Cabin Rate Controller			1.0	142.80	143
BASIC EMPTY WEIGHT (BEW) - ACTUAL			8436.0	307.47	2,593,805

$$\text{BEW C.G. in \%MAC} = \frac{(307.47 - 278.471)}{66.24} \times 100 = 43.8 \% \text{MAC}$$

Note: Basic Empty Weight includes full engine oil and unusable fuel.

Prepared/Approved by: Dan Brungardt
Mass Properties Engineer

Hawker Beechcraft Corporation
Premier I/IA Model 390

Section 6 - Wt and Bal/Equip list

AFM

Sample Loading - As Certificated
(Loaded to Max. Ramp Wt. w/ Full Occupancy)

Serial No. RB-293

Date: 6/25/2012

Line	Item	WEIGHT (lb.)	C.G. (in.)	MOM/100 (lb.-in.)	C.G. (%MAC)
1	BASIC EMPTY WEIGHT	8,436	307.47	25,938	43.8
2	Pilot & Copilot	340	167.00	568	
3	Provisions/Miscellaneous	60	-	156	
4	OPERATING WEIGHT	8,836	301.74	26,662	35.1
5	Passengers:				
	Forward RH, Aft-Facing)	170	228.00	388	
	Forward LH, Aft-Facing)	170	230.00	391	
	Center, Fwd-Facing (2)	340	281.00	955	
	Aft, Fwd-Facing (2)	340	309.00	1,051	
6	Baggage				
	Nose	0	100.00	0	
	Aft Cabin	0	329.50	0	
	Aft Fuselage (average c.g.)	0	392.00	0	
7	Cabinet Contents	0	-	0	
8	ZERO FUEL WEIGHT	9,856	298.77	29,447	30.6
	DO NOT EXCEED 10,000 LBS.				
9	Fuel @ 6.7 lb./gal.	2,735	283.46	7,753	
10	RAMP WEIGHT	12,591	295.45	37,200	25.6
	DO NOT EXCEED 12,591 LBS.				
11	Less Fuel for Start, Taxi & Take-off	-91	-	-268	
12	TAKE-OFF WEIGHT	12,500	295.45	36,932	25.6
	DO NOT EXCEED 12,500 LBS.				
13	Total Fuel from Line 9	2,735			
14	Less Fuel used to Destination including Start, Taxi and Take-off	-2,065			
15	Total Fuel Remaining (MOM/100 from Usable Fuel Moment Table)	670	275.67	1,847	
16	Zero Fuel Weight from Line 8	9,856	298.77	29,447	
17	Add Fuel Remaining from Line 15	670	275.67	1,847	
18	LANDING WEIGHT	10,526	297.30	31,294	28.4
	DO NOT EXCEED 11,600 LBS.				

Beechcraft



Hawker

TEXTRON AVIATION

Supplemental Equipment List
w.o. # HOU04003765
10-5-2017
S/N: RB-293

Hawker Beechcraft Premier I

XA-VWA

Removed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 33 Lights				
Installed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 33 Lights				
Boom Beam Ballast	LSM-500-344-19	61252 LH	LoPrestri Aviation	218
Boom Beam Ballast	LSM-500-344-19	61253 LH	LoPrestri Aviation	218
Boom Beam Ballast	LSM-500-344-19	61254 RH	LoPrestri Aviation	218
Boom Beam Ballast	LSM-500-344-19	61251 RH	LoPrestri Aviation	218

Textron Aviation Service
Houston, TX
CRS# XA1R605K


Authorized Signature

Beechcraft



Hawker

TEXTRON AVIATION

Supplemental Equipment List
w.o. # HOU04003765
10-5-2017
S/N: RB-293

Hawker Beechcraft Premier I

XA-VWA

Removed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 34 Navigation				
#1 TDR-94D	622-9210-008	491XP	Rockwell Collins	110.0
#2 TDR-94D	622-9210-008	491YW	Rockwell Collins	110.0
#1GPS-4000S	822-2189-002	46F5T	Rockwell Collins	110.0
#2 GPS-4000S	822-2189-002	46H6F	Rockwell Collins	110.0
Installed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 34 Navigation				
#1 TDR-94D	622-9210-501	491XP	Rockwell Collins	110.0
#2 TDR-94D	622-9210-501	491YW	Rockwell Collins	110.0
#1GPS-4000S	822-2189-004	46F5T	Rockwell Collins	110.0
#2GPS-4000S	822-2189-004	46H6F	Rockwell Collins	110.0

Hawker Beechcraft Services
Houston, TX
CRS# XA1R605K


Authorized Signature

Beechcraft



Hawker

TEXTRON AVIATION

Supplemental Equipment List
w.o. # HOU04003765
10-5-2017
S/N: RB-293
10/5/2017

Hawker Beechcraft Premier I

XA-VWA

Removed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 34 Navigation				
Installed Equipment:				
Part Name	Part Number	Serial	Vendor Name	ARM
**** 34 Navigation				
WX-1000E Stormscope	78-8060-5	82576	L-3 Communications	371.0
Stormscope antenna	78-8051-9200	84400	L-3 Communications	363.0

Textron Aviation Service
Houston, TX
CRS# XA1R605K


Authorized Signature

Raytheon Aircraft

Model 390 AFM
Section VI Wt and Bal/Equip List

Equipment List - Revised 09/24/2012

Serial No.: RB-293

Date: 09/24/2012

<u>ITEM DESCRIPTION & PART NUMBER</u>	<u>Qty.</u>	<u>Total</u>	<u>Arm</u>	<u>Moment</u>
		<u>Weight</u> (lb.)	<u>(in.)</u>	<u>(lb.-in.)</u>
NORTHERN AIRBORNE TECHNOLOGIES INTERVOX INTERCOM P/N AA82-060, S/N 2716	1	0.6	253.0	158.1
NORTHERN AIRBORNE TECHNOLOGIES UNIVERSAL TIE LINE ADAPTER P/N AA36-100, S/N 2179	1	0.6	192.0	113.3

Hawker Beechcraft Corporation
Premier I/IA Model 390

AFM
Section 6 - Wt & Bal/Equip list

Equipment List - As Certificated

Serial No. RB-293

Date: 06/25/2012

<u>Item Description & Part Number</u>	<u>Qty.</u>	<u>Total</u> <u>Weight</u> (lb.)	<u>Arm</u> (in.)	<u>Moment</u> (lb.-in.)
Notes:				
All Part Numbers are those of Hawker Beechcraft Corp. unless otherwise noted. Refer to Supplemental Equipment List(s) for Non-Factory Installed Equipment.				
Doppler Radar Receiver/Transmitter/Antenna Collins RTA-854	1	23.6	50.3	1,187
Glideslope Antenna 100-384128-1	1	0.5	54.2	27
Air Data Computer Collins ADC-3000	2	4.4	71.9	316
AHRS Transceiver #2 Collins AHC-3000	1	4.2	73.0	307
Aural Warning Tone Generator DB Systems Model 630-007	1	0.9	85.3	77
Passenger Speaker Amplifier DB Systems Model 240-002	1	1.4	87.2	122
Audio Amplifier #2 DB Systems Model 700	1	1.6	89.6	143
IAPS Card Cage Collins IAPS-3000	1	25.9	93.4	2,419
Audio Amplifier #1 DB Systems Model 700	1	1.6	93.6	150
VHF COMM Transceiver #1 Collins VHF-4000 Series	1	3.5	94.2	330
VHF COMM Transceiver #2 Collins VHF-4000 Series	1	3.5	96.8	339
77 cu. Ft. Oxygen Bottle & Regulator 101-384207-13	1	20.9	98.0	2,048
DME Receiver #1 Collins DME-4000	1	3.4	99.4	338
VHF NAV Receiver Collins NAV-4000	1	3.4	102.5	349
VHF NAV Receiver Collins NAV-4500	1	2.5	102.5	256
AHRS Transceiver #1 Collins AHC-3000	1	4.2	103.7	436
EGPWS Receiver Honeywell 965-0976-040-210-210	1	7.0	104.1	729
Standby Battery Securaplane 100-0206-01	1	16.5	107.6	1,775
Nose Landing Gear Wheel & Tire Assy B. F. Goodrich Aerospace 415-126	1	21.4	107.6	2,303
Mode S Transponder Collins TDR-94D	2	17.0	107.8	1,833
GPS Receiver #1 Collins GPS-4000	1	6.2	110.4	684
File Server Unit Collins FSU-5010	1	6.5	112.3	730
GPS Receiver #2 Collins GPS-4000	1	6.2	113.3	702

Hawker Beechcraft Corporation
Premier I/IA Model 390

AFM
Section 6 - Wt & Bal/Equip list

Equipment List - As Certificated

Serial No. RB-293

Date: 06/25/2012

<u>Item Description & Part Number</u>	<u>Qty.</u>	<u>Total</u>		
		<u>Weight</u> (lb.)	<u>Arm</u> (in.)	<u>Moment</u> (lb.-in.)
Standby VHF COMM/NAV Tuning Panel Collins CTL-23	1	1.25	135.0	169
Adaptive Flight Display - Pilot & Copilot Collins AFD-3010	2	25.1	141.2	3,544
Adaptive Flight Display Collins AFD-3010E	1	13.4	141.2	1,892
Standby Altimeter Indicator 390-382042-0001 (In) or 390-382042-0003 (Millibars)	1	1.4	141.5	198
Standby Attitude Indicator 390-382065-0001	1	2.5	142.1	355
Caution & Warning Annunciator 390-382004-0013	1	3.4	142.2	483
Pressurization Control Panel Assy 390-322333-0005	1	1.2	142.8	164
Cursor Control Panel Collins CCP-3000	1	1.5	143.5	215
Standby Airspeed Indicator 390-382039-0005	1	1.0	143.9	144
Display Control Panel Collins DCP-3030	2	3.4	145.0	493
Hydraulic Pressure Indicator Aero-Mach Labs 100-4605	1	0.5	145.5	73
Oxygen Pressure Indicator Aero-Mach Labs 100-4402	1	0.5	145.5	73
Cabin Differential Pressure Indicator Aerosonic Corp 55035-1179	1	1.0	145.5	146
Flight Guidance Control Panel Collins FGP-3000	1	3.9	149.5	583
Control Display Unit Collins CDU-3000	2	7.8	152.0	1,186
Oxygen Mask - Crew B/A Aerospace 174252-13	2	2.8	155.0	434
TCAS Antenna - Lower Collins 622-8973-001	1	2.1	163.0	342
Crew Seat 390-530151-0017 & -0018	2	100.7	172.0	17,320
Jepp Manual Storage - LH 390-384054-0005	1	4.2	183.8	772
Jepp Manual Storage - RH 390-384055-0003	1	4.0	183.8	735
Fire Extinguisher Amerex Corp. 352TS	1	4.7	185.5	872
Partition Sliding Doors - Fwd Pair 390-537024-0001 & 0021	1	14.8	188.3	2,787
Partition - Fwd LH 390-537021-0001	1	7.8	189.5	1,478
Transponder Antenna - Lower Dome Margolin DM NI50-10-2	1	0.3	192.7	58
TCAS Antenna - Upper Collins 622-8973-001	1	2.1	193.3	406

Hawker Beechcraft Corporation
Premier I/IIA Model 390

AFM
Section 6 - Wt & Bal/Equip list

Equipment List - As Certificated

Serial No. RB-293

Date: 06/25/2012

<u>Item Description & Part Number</u>	<u>Qty.</u>	<u>Total</u>		
		<u>Weight</u> (lb.)	<u>Arm</u> (in.)	<u>Moment</u> (lb.-in.)
XM Weather XMWR-1000 Receiver	1	1.6	197.6	316
Refreshment/Hang-Up Baggage Cabinet 390-537033	1	79.2	197.6	15,653
Landing/Taxi Light DeVore Aviation 39033001	2	6.2	205.2	1,272
Cabin Seat - Fwd RH, Aft Facing, Featured 390-537091-0002	1	44.5	221.7	9,866
Marker Beacon Antenna Dome Margolin DM N27-3	1	0.6	221.9	133
Cabin Seat - Fwd LH, Aft Facing, Featured 390-537091-0001	1	44.5	223.7	9,955
Beacon Light Devore Aviation Corp. 39033009	1	1.2	227.7	273
Transponder Antenna - Upper Dome Margolin DM NI50-10-2	1	0.3	232.0	70
Life Vest Eastern Aero Marine PO201-105	8	4.5	241.2	1,085
Cross Transfer Pump 390-389016-0005	1	3.5	241.8	846
Wing Inspection & Entry Door Lights DeVore Aviation 39033002	1	1.0	251.1	251
Wing Inspection Light - RH DeVore Aviation 39033003	1	1.0	251.1	251
Cabin Table 390-537191-0001	2	35.0	252.5	8,838
DME Antenna #1 Dome Margolin DM NI50-10-2	1	0.3	253.5	76
GPS Antenna #1 Comant Industries CI 401-220	1	0.4	256.6	103
Cabin Window Shade - Enclosed 390-384030-0005	6	20.2	268.0	5,414
Radio Altimeter Transmitter Antenna Dome Margolin DM PN19-2-1	1	0.3	269.0	81
Boost Pump 118-389006-7	2	8.1	269.2	2,181
Single Point Fueling System	1	29.6	271.0	8,022
Oxygen Mask & Container - Passenger Puritan-Bennett 175161-00	7	4.6	276.9	1,274
Cabin Seat - Ctr LH & RH, Fwd Facing, Featured 390-537091-0003 & -0004	2	89.0	278.8	24,813
ADF Antenna - Single Collins ANT-462A	1	3.5	279.5	978
Radio Altimeter Receiver Antenna Dome Margolin DM PN19-2-1	1	0.3	289.0	87
Cabin Seat - Aft LH & RH, Fwd Facing 390-537091-0005 & -0006	2	72.0	310.8	22,378
GPS Antenna #2 Comant Industries CI 401-420	1	0.4	311.5	125

Hawker Beechcraft Corporation
Premier I/IA Model 390

AFM
Section 6 - Wt & Bal/Equip list

Equipment List - As Certificated

Serial No. RB-293

Date: 06/25/2012

<u>Item Description & Part Number</u>	<u>Qty.</u>	<u>Total</u>		
		<u>Weight</u> (lb.)	<u>Arm</u> (in.)	<u>Moment</u> (lb.-in.)
Main Landing Gear Wheel Assy BF Goodrich Aerospace 3-1576	2	29.6	318.6	9,431
Main Landing Gear Tires Michelin Aircraft Tire Corp. 026-618-0	2	41.4	318.6	13,190
Main Landing Gear Brakes BF Goodrich Aerospace 2-1607	2	72.4	318.6	23,067
Sliding Door Partition - Aft Pair 390-537101-0003 & -0004	1	39.0	323.0	12,597
Flushing Toilet Unit 390-384400-0001	1	10.0	332.8	3,328
Toilet Cabinet 390-537111-0009	1	13.0	332.9	4,328
VHF COMM Antenna - Upper Sensor Systems S65-8280-42	1	1.7	338.5	575
Hydraulic Package with Fluid Dowty Aerospace 2-8050-9	1	34.2	353.6	12,093
Air Conditioning Compressor/Motor Module Enviro Systems Inc 1134930-5	1	53.5	356.2	19,057
VHF COMM Antenna - Lower Sensor Systems S65-8280-42	1	1.7	356.8	607
Anti-Skid Control Unit 390-384078	1	1.9	362.6	689
ELT Antenna Artex 110-337-01	1	1.3	364.4	474
Radio Altimeter Receiver/Transmitter Collins ALT-4000	1	4.7	365.7	1,719
Main Battery Concorde RG-380E/44	1	86.0	373.1	32,087
TCAS Processor Collins TTR-4000	1	16.9	376.2	6,358
Axial Blower & Controller - Baggage Heat Ametek Aerospace 528395 & 528414	1	2.1	377.7	793
Fanjet Engine Williams Int'l FJ44-2A	2	1001.8	396.5	397,214
Engine Control Unit - LH Williams Int'l 59850	1	6.3	409.6	2,580
Engine Control Unit - RH Williams Int'l 59850	1	6.3	413.5	2,605
Air Conditioning Condenser Enviro Systems Inc 1134636-5	1	20.0	438.5	8,770
Bleed Air Control Unit Fenwal 35009-20	2	1.0	452.8	453
Fire Extinguisher - Engine HTL Advanced Technologies 30400018-1	1	6.8	453.0	3,080
Generator Control Unit - Starter Advanced Industries CG201A-1	2	4.5	454.4	2,045
Emergency Locator Transmitter (C406-2) Artex 453-5000	1	2.7	458.2	1,237
Cooling Fan with EMI Filter Ametek-Roton C-011868	1	0.5	461.0	231

Hawker Beechcraft Corporation
Premier I/IA Model 390

AFM
Section 6 - Wt & Bal/Equip list

Equipment List - As Certificated

Serial No. RB-293

Date: 06/25/2012

<u>Item Description & Part Number</u>	<u>Qty.</u>	<u>Total</u>		
		<u>Weight</u> (lb.)	<u>Arm</u> (in.)	<u>Moment</u> (lb.-in.)
Fire Detector Controller Meggit Avionics 477-90005	1	0.8	463.1	347
Cockpit Voice Recorder (2 Hour) Loral Data Systems 2100-1020-51	1	7.7	492.7	3,794
NAV Antenna Trivec-Avant Corp. 22-37-103	2	3.0	497.7	1,493
Position Light Devore Aviation Corp 39033006-1	1	1.1	539.5	593
Flux Detector Unit Collins 822-1193-001	2	1.8	548.3	987
<u>Fluids</u>				
Unusable Fuel @ 6.7 lb/gal - Single Point Fill System	1	49.4	287.1	14,181
Toilet Precharge	1	5.2	332.8	1,731
Engine Oil	1	17.2	390.5	6,717
<u>Loose Equipment</u>				
Airplane Flight Manual (AFM)	1	3.0	-	-
Pilot's Operating Manual (POM)	1	3.0	-	-



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301 (a))

1. Aircraft	Nationality and Registration Mark US N390MG	Serial No. RB-293	
	Make HAWKER BEECHCRAFT CORP.	Model 390	Series
2. Owner	Name (As shown on registration certificate) HAWKER BEECHCRAFT CORP.	Address (As shown on registration certificate) Address PO BOX 85	
		City WICHITA	State KS
		Zip 67201-0085	Country US

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
	X	AIRFRAME		(As described in item 1 above)	
		POWERPLANT			
		PROPELLER			
		APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		Manufacturer
Name	HAWKER BEECHCRAFT SERVICES	U.S. Certificated Mechanic		C. Certificate No. CRS-14XR605K
Address	10440 JOHN CAPE ROAD	Foreign Certificated Mechanic		LIMITED AIRFRAME RADIO CLASS I, II, III
City	SAN ANTONIO	X Certificated Repair Station		
Zip	78216	Certificated Maintenance Organization		
State	TEXAS			
Country	USA			

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B	Signature/Date of Authorized Individual RICHARD KURLAND JR. 09-24-2012
---	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS-14XR605K	Signature/Date of Authorized Individual RICHARD KURLAND JR. 09-24-2012
---	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

US

N390MG

September 24, 2012

Nationally and Registration Mark

Date

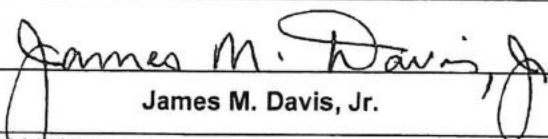
INSTALLED WIRING INTERFACE-CABIN ICS SYSTEM, NORTHERN AIRBORNE TECHNOLOGIES INTERCOM SYSTEM IAW HAWKER BEECHCRAFT SERVICES DRAWING #HBS251200014 REV. 1R DATED 09-13-2012. DATA APPROVED ON FAA FORM 8110-3, DATED 09-17-2012 BY JAMES M. DAVIS, JR., DERT-605119-NM, SYSTEMS AND EQUIPMENT.

THE WIRE ROUTING WAS ACCOMPLISHED IAW AC 43.13-1B, CHAPTER 11. A FUNCTIONAL TEST OF THE EQUIPMENT HAS BEEN PERFORMED IN ACCORDANCE WITH FAR 23.1301, FAR 23.1309 AND CHECKED IN ACCORDANCE WITH FAR 23.1431 FOR OPERATING SATISFACTORILY AND DID NOT ADVERSELY AFFECT OTHER COMPONENTS INSTALLED IN THE AIRCRAFT.

REVISED EQUIPMENT LIST HAS BEEN INSERTED IN THE AIRCRAFT FLIGHT MANUAL.. THE AIRCRAFT WEIGHT AND BALANCE CHANGE IS NEGLIGIBLE.

-----END-----

☒ Additional Sheets Are Attached

U. S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE September 17, 2012
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Hawker Beechcraft Corp.	MODEL 390 (Premier)	TYPE (Airplane, Radio, Helicopter, etc.,) Airplane	NAME OF APPLICANT Hawker Beechcraft Services 10440 John Cape Rd. San Antonio, Texas 78216-4185
LIST OF DATA			
IDENTIFICATION HBS Drawing: HBS251200014 Rev IR, 09/13/2012 =====	TITLE WIRING INTERFACE – CABIN ICS SYSTEM ===== END OF DATA ===== Notes: 1. Approval of the above listed data is for Systems & Equipment - Electrical aspects only. 2. This approval is for engineering design data approval only, and is not installation approval. This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." (Compliance to additional regulations not listed here may be required.) This form does not constitute FAA approval of all the data necessary for substantiation of compliance necessary to requirements for the entire alteration/repair.		
PURPOSE OF DATA			
To support major alteration by Hawker Beechcraft Services to install Northern Airborne Technologies Intercom System in HBC Premier 390, S/N RB-293, N390MG.			
APPLICABLE REQUIREMENTS (List specific sections)			
14 CFR Part 23:			
§23.1301(a)(b)(c) [amdt 23-20] §23.1365(a) [amdt 23-49]	§23.1309(a1)(a3) [amdt 23-49] §23.1367 [amdt Orig]	§23.1357(a)(b)(c)(d) [amdt 23-43]	
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitation of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
I (We) Therefore ☐ Recommend Approval of these Data ☒ Approve these Data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION(S)
 James M. Davis, Jr.		DERT-605119-NM	Systems & Equipment – Electrical Flight Analyst Flight Test Pilot



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301 (a)).

1. Aircraft	Nationality and Registration Mark US N390MG	Serial No. RB-293	
	Make HAWKER BEECHCRAFT CORP.	Model 390	Series
2. Owner	Name (As shown on registration certificate) HAWKER BEECHCRAFT CORP.	Address (As shown on registration certificate) Address PO BOX 85	
		City WICHITA	State KS
		Zip 67201-0085	Country US

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
	X	AIRFRAME		(As described in item 1 above)	
		POWERPLANT			
		PROPELLER			
		APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.
Name	HAWKER BEECHCRAFT SERVICES	U.S. Certificated Mechanic		CRS-14XR605K
Address	10440 JOHN CAPE ROAD	Foreign Certificated Mechanic		LIMITED AIRFRAME
City	SAN ANTONIO	X Certificated Repair Station		RADIO CLASS I, II, III
State	TEXAS	Certificated Maintenance Organization		
Zip	78216	Country		USA

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B	Signature/Date of Authorized Individual RICHARD KURLAND JR. 09-24-2012
---	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED					
BY	FAA Fit. Standards Inspector		Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	X	Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. CRS-14XR605K		Signature/Date of Authorized Individual RICHARD KURLAND JR. 09-24-2012			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

US N390MG

Nationally and Registration Mark

September 24, 2012

Date

INSTALLED WIRING INTERFACE-CABIN ICS SYSTEM, NORTHERN AIRBORNE TECHNOLOGIES INTERCOM SYSTEM IAW HAWKER BEECHCRAFT SERVICES DRAWING #HBS251200014 REV. IR DATED 09-13-2012. DATA APPROVED ON FAA FORM 8110-3, DATED 09-17-2012 BY JAMES M. DAVIS, JR., DERT-605119-NM, SYSTEMS AND EQUIPMENT.

THE WIRE ROUTING WAS ACCOMPLISHED IAW AC 43.13-1B, CHAPTER 11. A FUNCTIONAL TEST OF THE EQUIPMENT HAS BEEN PERFORMED IN ACCORDANCE WITH FAR 23.1301, FAR 23.1309 AND CHECKED IN ACCORDANCE WITH FAR 23.1431 FOR OPERATING SATISFACTORILY AND DID NOT ADVERSELY AFFECT OTHER COMPONENTS INSTALLED IN THE AIRCRAFT.

REVISED EQUIPMENT LIST HAS BEEN INSERTED IN THE AIRCRAFT FLIGHT MANUAL.. THE AIRCRAFT WEIGHT AND BALANCE CHANGE IS NEGLIGIBLE.

-----END-----

☒ Additional Sheets Are Attached

NOTES:

UNLESS OTHERWISE SPECIFIED -

1. All wires to be in accordance with MIL22759/16.
2. All shielded wires to be in accordance with MILV27500/14.
3. All wires to be 22AWG unless otherwise specified.
4. All wires to be installed per. 43.13-1B chapter 11.
5. Dashed lines indicate existing equipment or wiring.
6. Triangles indicate notes to this drawing.
7. Wires under 6" need not be marked.
8. ■ INDICATES LOWER CASE LETTER ON CONNECTORS.

- 10  SHIELDED WIRE
- 11  2 WIRE TWISTED & SHIELDED
- 12  3 WIRE TWISTED & SHIELDED
- 13  2 WIRE TWISTED
- 14  3 WIRE TWISTED
- 15  COAX
- 16  GND
- 17  MOUNT GND OR GND STUD
- 18 TWO LETTER WIRE COLOR DESIGNATOR
BK BLACK RD RED GN GREEN VT VIOLET WH WHITE
BN BROWN YE YELLOW BL BLUE GY GREY OR ORANGE

19 DESIGNATOR CODES

- A = ASSEMBLY
B = BLOWER, FAN
BM = BUS MODULE
BS = BOND STRAP
BT = BATTERY
C = CAPACITOR
CB = CIRCUIT BREAKER
CGS = CASE GND STUD
CP = ADAPTER, CONNECTOR
CR = DIODE
DS = ANNUNCIATOR, INDICATOR LAMP,
ALARM, BUZZER, BELL, FLASHER
F = FUSE
FL = FILTER?
GS = GROUND STUD
J = CONNECTOR WITH SOCKETS
JB = JUNCTION BOX
K = RELAY
L = INDUCTOR
LS = SPEAKER, HORN
MP = MOUNT
P = CONNECTOR WITH PINS
Q = TRANSISTOR
R = POTENTIOMETER, RESISTOR
S = SWITCH
SP = SPLICE
T = TRANSFORMER
TB = TERMINAL BOARD/BLOCK
U = INTEGRATED CIRCUIT
V = BUS BAR
XDS = LAMPHOLDER
XF = FUSEHOLDER

- 20 EACH CONNECTOR WILL HAVE A
P OR J NO. ASSIGNED AT RANDOM
EACH MODULE OF A MULTI MODULE
CONNECTOR WILL HAVE A
P OR J NO. ASSIGNED

- 21 USE HIGH TEMPERATURE SOLDER
SLEEVE WHEN REQUIRED
P/N M83519/X-X

- 22 USE SPLICES WHEN REQUIRED
PER MIL-S-8824 OR RAYCHEM STUB
SPLICES 0436-59

- 23 PERMISSIBLE TO SPLICE DOWN TO 22AWG
TO FACILITATE CRIMP PIN SIZE.
KEEP UNDER 3 INCHES.

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
IR	MOD	9-13-2012	J.A.R.R.

2	2342P1	1 AR	PLUG HOUSING CONTACT SOCKET	03-06-2024 02-06-2103	(D)
2	2342J1	1 AR	RECEPTACLE HOUSING CONTACT SOCKET	03-06-1022 02-06-1103	(D)
		6	ZULU 2 HEADSETS	ZULU 2 HEADSETS	(C)
2/3	2342P1 - 6	6 AR	PLUG HOUSING CONTACT SOCKET	03-06-2092 02-06-2103	(D)
2/3	2342J1 - 6	6 AR	RECEPTACLE HOUSING CONTACT SOCKET	03-06-1092 02-06-1103	(D)
2	2342A2J1	1 1	CONNECTOR, 15 DSUB BACKSHELL	M240308/2-2F 207908-4	(E)
2/3	2342A1J1	1 1	CONNECTOR, 44 DSUB BACKSHELL	REF 2342A1 5205718-1	(E)
2/3	2342A3 - 8	REF	AUDIO CONTROL JACK PANEL	015999	(E)
2	2342S1	1	SWITCH	MTA1060	(E)
2	2342CB1	1	CIRCUIT BREAKER	7277-2-2	(B)
2	2342A2	1	AA36-100 ICS ADAPTER	AA36-100	(A)
2/3	2342A1	1	AA82-60 INTERCOM AMP	AA82-60 KIT	(A)
SH	REF DESIG	QTY REQD	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFICATION	MFG.
PARTS LIST					

- (E) PN DPL
(D) PN MOLEX
(C) PN LIGHTSPEED
(B) PN KLIXON
(A) PN NORTHERN AIRBORNE TECH.

IF THIS DOCUMENT IS EXPORTED,
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STATEMENT ON COVER SHEET.
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PROPRIETARY DATA
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WHOLE OR IN PART BE
REPRODUCED OR USED FOR THE
MANUFACTURE OF THE PART
DISCLOSED HEREIN WITHOUT THE
WRITTEN PERMISSION OF HANOVER
BEECHCRAFT SERVICES HO WICHITA,
KANSAS.

DATE
BY J. RODRIGUEZ
CHECKED T. KORNEGAY
STRESS
FOR PROJ
FOR PROJ
DIA
APPROV
REGISTRATION
CUSTOMER

Zowker Beechcraft
SERVICES
TITLE
WIRING INTERFACE
CABIN ICS SYSTEM
SCALE: NONE
1 of 3



U.S. Department of
Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark XA-VWA	Serial No. RD-293	
	Make Beechcraft Corp.	Model 390	Make Premier 1A
2. Owner	Name (As shown on registration certificate) VWA Servicios Aereos S.A. de C.V.	Address (As shown on registration certificate) Felix Guzman 16	
		City Col. El Parque State Zip 53398 Country Mexico	

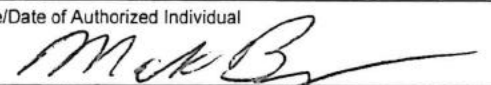
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Textron Aviation Service - Houston		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 8402 Nelms		☐ Foreign Certificated Mechanic	C. Certificate No.
City Houston	State Texas	☒ Certificated Repair Station	CRS# XA1R605K
Zip 77061	Country United States	☐ Certificated Maintenance Organization	Airframe Class 3
			Radio Class 1, 2, and 3

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual  10/4/17
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS# XA1R605K	Signature/Date of Authorized Individual  10/4/17
--	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Mexico XA-VWA

9/26/2017

Nationality and Registration Mark

Date

W.O. # HOU04003765

Installed WX-1000 Stormscope System interfaced with the existing Collins Proline 21 displays. Installed WX-1000E Stormscope System in aft avionics bay IAW Raytheon Aircraft Company Drawing Numbers 390-344091 and 390-344189. Installed Stormscope antenna P/N 78-8051-9200-8 IAW Raytheon Aircraft Company drawing Numbers 390-344196, 390-34336 & 390-344198.

The existing Airplane Maintenance Manual procedures remain adequate with regards to Continued Airworthiness.

The Equipment List and Weight and Balance were revised to reflect change.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment /systems per 14CFR 23.1301

----- END -----

***NOTE: This Form 337 is not an official record and it will not be recorded by the FAA Aircraft Registration Branch in Oklahoma City, Oklahoma.**

☐ Additional Sheets Are Attached



U.S. Department of
Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark XA-VWA	Serial No. RD-293	
	Make Beechcraft Corp.	Model 390	Make Premier 1A
2. Owner	Name (As shown on registration certificate) VWA Servicios Aereos S.A. de C.V.	Address (As shown on registration certificate) Felix Guzman 16	
		City Col. El Parque State Zip 53398 Country Mexico	

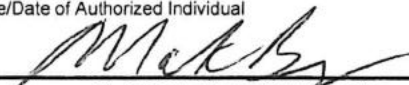
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Textron Aviation Service - Houston		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 8402 Nelms		☐ Foreign Certificated Mechanic	C. Certificate No.
City Houston	State Texas	☒ Certificated Repair Station	CRS# XA1R605K
Zip 77061	Country United States	☐ Certificated Maintenance Organization	Airframe Class 3
			Radio Class 1, 2, and 3

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual  10/4/17
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS# XA1R605K	Signature/Date of Authorized Individual  10/4/17
---	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Mexico XA-VWA

9/26/2017

Nationality and Registration Mark

Date

W.O. # HOU04003765

Complied with Beechcraft Field Service Kit 390-3421-0003 S/N 105 Rev. 9 dated 1-5-2017 - Transponder with Enhanced Surveillance and DO 206B (ADS-B Out) Installation.

Removed #1 TDR-94D P/N 622-9210-008 S/N491XP and #2 TDR-94D P/N 622-9210-008 S/N 491YW

Installed #1 TDR-94D P/N 622-9210-501 S/N 491XP and #2 TDR-94D P/N 622-9210-501 S/N 491YW.

Wiring mods were done IAW Beechcraft Dwg. 390-3421 Rev. 9 dated 1-5-2017. Operational check satisfactory IAW Collins TDR-94/94D ATC/ Mode-S Transponder System Manual P/N 523-0821492.

The Beechcraft FAA Approved Airplane Flight Manual Supplement for Premier 1/1A (Model 390) with Rockwell Collins TDR-94D Transponders with ADS-B Out (DO 206B) P/N 390-590001-0003 has been added to the supplement section of the Pilots Operating Handbook.

The existing Airplane Maintenance Manual procedures remain adequate with regards to Continued Airworthiness.

The Equipment List was revised no change to the Weight and Balance C.G.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment /systems per 14CFR 23.1301

----- END -----

***NOTE: This Form 337 is not an official record and it will not be recorded by the FAA Aircraft Registration Branch in Oklahoma City, Oklahoma.**

☐ Additional Sheets Are Attached



U.S. Department of
Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark XA-VWA	Serial No. RD-293	
	Make Beechcraft Corp.	Model 390	Make Premier 1A
2. Owner	Name (As shown on registration certificate) VWA Servicios Aereos S.A. de C.V.	Address (As shown on registration certificate) Felix Guzman 16	
		City Col. El Parque	State
		Zip 53398	Country Mexico

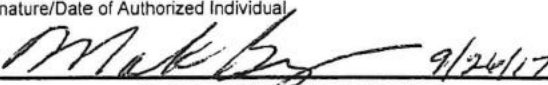
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type _____ Manufacturer _____		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Textron Aviation Service - Houston		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 8402 Nelms		☐ Foreign Certificated Mechanic	C. Certificate No.
City Houston	State Texas	☒ Certificated Repair Station	CRS# XA1R605K
Zip 77061	Country United States	☐ Certificated Maintenance Organization	Airframe Class 3
			Radio Class 1, 2, and 3

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual  9/26/17
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	☒ Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS# XA1R605K	Signature/Date of Authorized Individual  9/26/17
---	--

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Mexico XA-VWA

9/26/2017

Nationality and Registration Mark

Date

W.O. # HOU04003765

COMPLIED WITH LOPRESTI AVIATION BOOM BEAM TAXI/LANDING LIGHT INSTALLATION PER MODEL 390 INSTRUCTION MANUAL; STC SA02279AT P/N LSM-500-110-3 REV D. 11-23-2016.

WEIGHT AND BALANCE AND AIRCRAFT EQUIPMENT LIST UPDATED TO REFLECT THIS INSTALLATION.

----- END -----

*NOTE: This Form 337 is not an official record and it will not be recorded by the FAA Aircraft Registration Branch in Oklahoma City, Oklahoma.

☐ Additional Sheets Are Attached

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

THIS REPAIR IS BASED ON INFORMATION PROVIDED BY TEXTRON AVIATION – BEECHCRAFT SERVICE CENTER, HOUSTON, TX, USA, IN DAMAGE REPORT DATED 01/03/2018 (REF DQ 10647).

GENERAL NOTES

1. WEIGHT AND BALANCE CHANGE NEGLIGIBLE.
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
3. EMBODIMENT OF THIS FIELD REPAIR MUST BE RECORDED IN THE AIRCRAFT LOG BOOK STATING THIS FIELD REPAIR NUMBER AND REVISION.
4. THE FOLLOWING FIELD REPAIR MEETS THE INTENT OF THE TYPE DESIGN OF THE AIRCRAFT. THIS FIELD REPAIR DOES NOT AFFECT THE STANDARD MAINTENANCE OR INSPECTION SCHEDULE FOR THIS AIRCRAFT.

PROCEDURE

1. CAREFULLY TRIM UPPER CENTER EDGE OF EMERGENCY EXIT DOOR TO REMOVE ALL IMPACT DAMAGE AS SHOWN IN FIGURE 1, TAKING CARE NOT TO DAMAGE ANY SURROUNDING AND/OR UNDERLYING STRUCTURES. MAINTAIN MINIMUM RADIUS AS SHOWN.
2. BREAK ALL SHARP EDGES 0.010 - 0.020.
3. USE FLUORESCENT PENETRANT AND 10X MAGNIFICATION OR EDDY CURRENT NDT TECHNIQUE IN ACCORDANCE WITH THE MODEL 390 AMM, 20-26-00, TO ENSURE NO CRACKS HAVE FORMED. REPORT ANY ADVERSE FINDINGS TO TEXTRON AVIATION TEAM STRUCTURES FOR FURTHER ASSESSMENT BEFORE CONTINUING WITH THIS REPAIR.
4. PROTECT ALL BARE ALUMINUM WITH CHEM FILM PER MIL-DTL-5541, CLASS 1A, PRIME WITH ONE COAT OF MIL-PRF-23377, TYPE 1, CLASS C OR PR143 PRIMER.
5. TOPCOAT TO MATCH AS NECESSARY.

APPLICABLE TO AIRCRAFT S/N RB-293

THIS DOCUMENT MAY CONTAIN UNCLASSIFIED TECHNICAL DATA WHOSE EXPORT/TRANSFER/DISCLOSURE IS RESTRICTED BY U.S. LAW. DISSEMINATION TO NON - U.S. PERSONS WHETHER IN THE UNITED STATES OR ABROAD REQUIRES AN EXPORT LICENSE OR OTHER AUTHORIZATION.

FIELD SERVICE NOTE

THIS REPAIR HAS BEEN PREPARED FOR A SPECIFIC REPAIR TO A SPECIFIC AIRCRAFT OR COMPONENT ON THE BASIS OF INFORMATION SUPPLIED TO TEXTRON AVIATION CORPORATION BY THE PERSON RESPONSIBLE FOR ARRANGING THE REPAIR OR HIS AGENT. THE USE OF THE DRAWING ON ANY OTHER AIRCRAFT OR COMPONENT MAY LEAD TO AN UNSAFE REPAIR AND THEREFORE THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE THAN FOR WHICH IT WAS ORIGINALLY SUPPLIED WITHOUT THE WRITTEN APPROVAL OF TEXTRON.

STANDARD PRACTICE NOTES SEE STANDARD DRAWING 130450		Beechcraft		Cessna		Hawker		WICHITA, KANSAS	
GENERAL TOLERANCES (in): X.X ±0.1 X.XX ±0.03 X.XXX ±0.010 X.XXXX ±0.0010 ANGLES ±0.5°		PREPARER M. FOSTER (01/05/2018)		FIELD REPAIR- IMPACT DAMAGE, EMERGENCY EXIT DOOR, UPPER, CENTER, AT EDGE					
		CHKR DIS 1/8/18							
		LEAD ENGR							
		STRUCT Jonathan Peter 1/8/18							
GENERAL TOLERANCES (mm): X ±1 X.X ±0.5 X.XX ±0.25 ANGLES ±1°		SPECIALIST [Signature] 1-8-18		SIZE	CAGE CODE	DWG NO	REV		
		TEXTRON AVIATION APPD [Signature] 1/8/18		A	7EK50	FR-RB-293-3700	1		
				SCALE NONE		SHEET 1 OF 2			

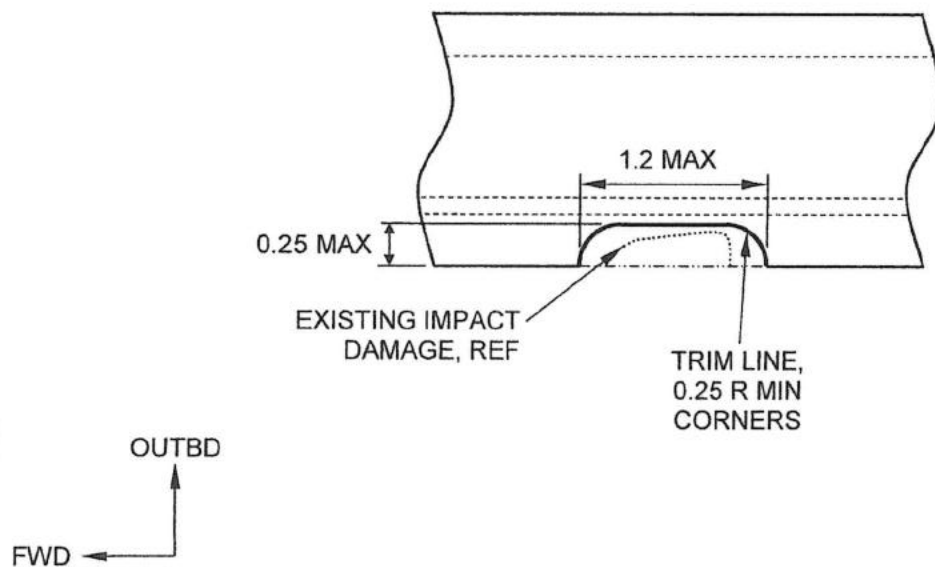


FIGURE 1
VIEW LOOKING DOWN AND OUTBOARD AT IMPACT DAMAGE ON EMERGENCY EXIT DOOR
SOME GEOMETRY OMITTED FOR CLARITY

TEXTRON AVIATION
WICHITA, KANSAS

SIZE
A

CAGE CODE
7EK50

DWG NO
FR-RB-293-3700

REV
1

SCALE
NONE

TITLE PAGE RIGHTS APPLY

SHEET **2 OF 2**

Revisions			
Rev	Description	Date	Approved

1. Aircraft Data

Repair request: This repair is based on information provided by Ale Service Center, Toluca, Mexico, in damage report dated 14 Dec 2018 (ref DQ 16747).

Aircraft: Model 390, serial number RB-293

Registration number: XA-VWA

Current reported usage: 1072.45 hours total time, 1065 landings

2. General Notes

1. This repair does not affect the published maintenance or inspection requirements.
2. This repair is authorized for the stated aircraft only.
3. This repair is applicable to an aircraft which is unaltered by a third-party modification. It is the responsibility of the repair facility to contact the originator or holder of any relevant non-Textron Aviation STC to determine compatibility.
4. It is the responsibility of the repair facility to ensure that the damage as reported and as summarized in this repair corresponds with the actual damage.
5. All referenced documents shall be worked to the latest published revision.
6. Embodiment of this repair must be recorded in the aircraft log book stating the repair number and revision.
7. Aircraft weight and balance change is negligible.
8. All dimensions are in inches unless otherwise specified.

3. Damage Summary

There is tearing damage to the RH elevator leading edge skin at the mid hinge hole.

EXPORT CONTROL WARNING: This document contains technical data whose export, transfer, disclosure, or further publication is regulated by the International Traffic in Arms Regulations, 22 CFR 120-130, or Export Administration Regulations, 15 CFR 730-774, and may not be exported to unauthorized persons without U.S. Government approval.

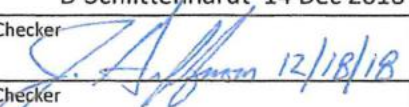
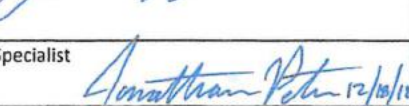
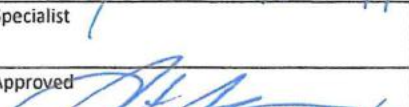
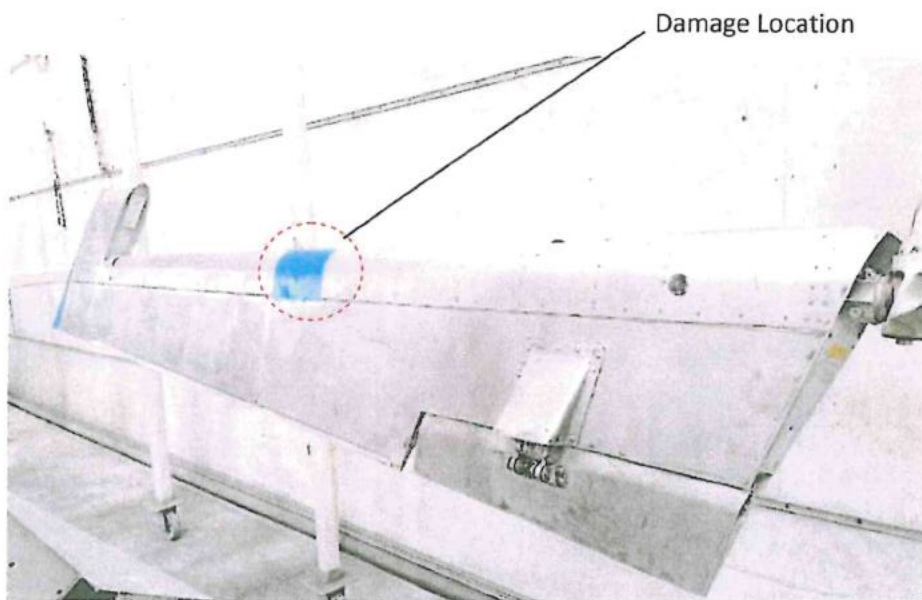
Tolerances (in): X.X ± 0.1 X.XX ± 0.03 X.XXX ± 0.010 X.XXXX ± 0.0010 Angles ± 0.5°	Drawn	D Schlittenhardt 14 Dec 2018			  
	Checker	 12/18/18			
	Checker	 12/18/18			Field Repair - Tear, RH Elevator, Leading Edge Skin, At Hinge Hole
	Specialist	 12/18/18			
	Specialist	Size	CAGE Code	Drawing No.	
	Approved	A	7EK50	FR-RB-293-4972	-
	Scale	None		Sheet	
				1 of 4	

Figure 1 - Damage Location

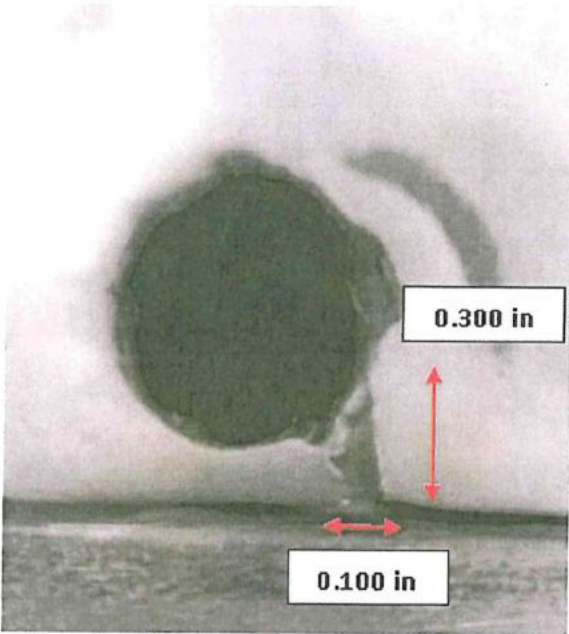


Figure 2 - Damage Location



Size	CAGE Code	Drawing No.	Rev
A	7EK50	FR-RB-293-4972	-
Scale	Title page rights apply		Sheet
None			2 of 4

Figure 3 - Damage Dimensions



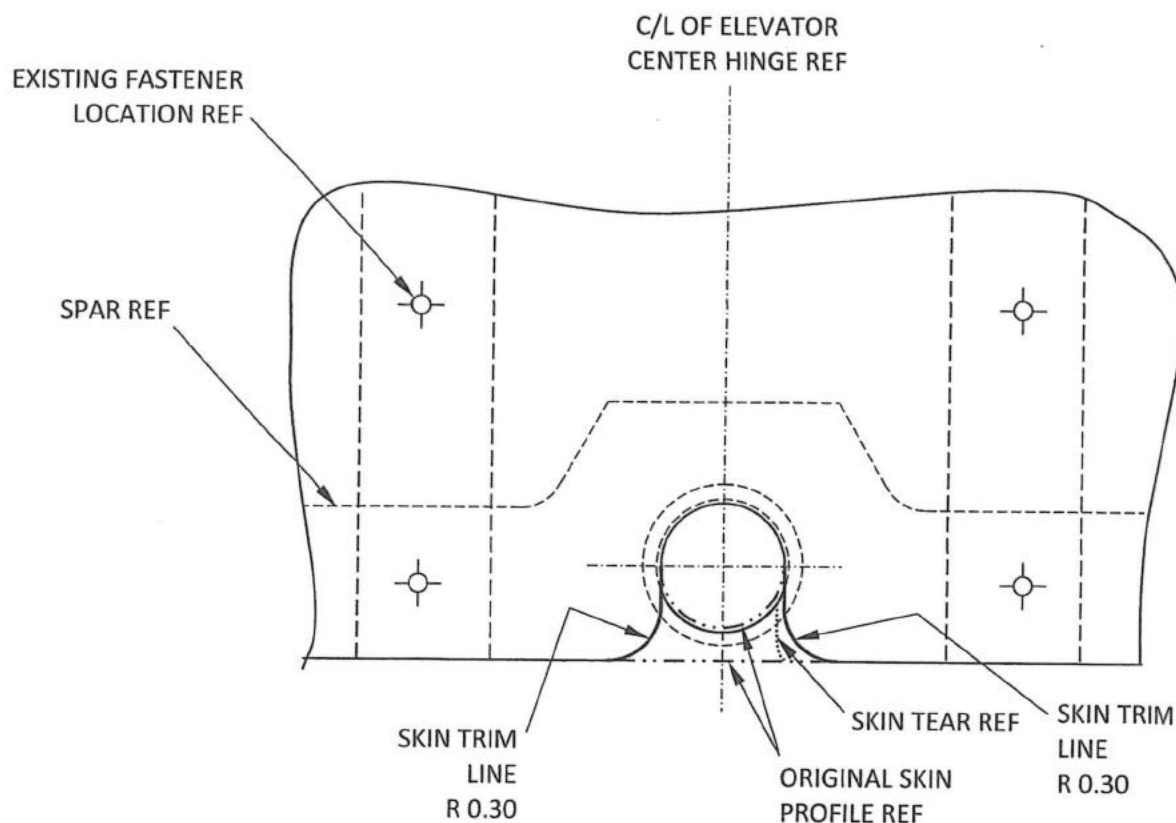
Size	CAGE Code	Drawing No.	Rev
A	7EK50	FR-RB-293-4972	-
Scale	Title page rights apply		Sheet
None			3 of 4

4. Repair Procedure

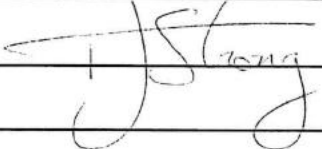
1. Carefully trim out the damage in the leading edge skin (ref 0.020 thick) as shown in Figure 4. Use caution to ensure no damage to underlying structure.
2. Hand form any deformation in the skin back to within 0.010 of nominal profile.
3. Use fluorescent penetrant and 10X magnification or eddy current NDT technique in accordance with the model 390 AMM, 20-26-00, to ensure no cracks have formed. Report any adverse findings to Textron Aviation Team Structures for further assessment before continuing with this repair.
4. Bond any unbonded skin back to adjacent structure using EA 934, EA 9309.3NA, or EA 9359.3 adhesive in accordance with the manufacturer's instructions.
5. Reprotect all bare aluminum with chem film per MIL-DTL-5541, Class 1A (Alodine 600 or 1200S, or Bonderite M-CR 600 Aero or M-CR 1200S Aero), and prime with one coat of MIL-PRF-23377, Type 1, Class C or PR143 primer in accordance with the Model 390 AMM, 20-17-00.
6. Topcoat to match as required.
7. Reassemble to match as required.
8. Ensure elevator is balanced in accordance with the Model 390 SRM, 51-60-01.

Figure 4

View looking up at discrepant location
Some geometry omitted for clarity



Size	CAGE Code	Drawing No.	Rev
A	7EK50	FR-RB-293-4972	-
Scale	None		Sheet
	Title page rights apply		4 of 4

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			1. DATE 10/04/19
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE TEXTRON	3. MODEL NO. 390	4. TYPE (Aircraft, Engine, Propeller, etc.) AIRPLANE	5. NAME OF APPLICANT TEXTRON AVIATION SERVICE
LIST OF DATA			
6. IDENTIFICATION TAS573190133 REV IR 10/03/19	7. TITLE "ANTENNA AND COVER PLATE INSTL – WX-1000E, STORMSCOPE"		
<u>Notes</u> This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'APPLICABLE REQUIREMENTS'. This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Structural aspects are approved, electrical aspects are not included.			
8. PURPOSE OF DATA IN SUPPORT OF A MAJOR ALTERATION TO SHOW COMPLIANCE WITH THE FOLLOWING REGULATIONS FOR ONE AIRCRAFT ONLY; S/N <u>RB-293</u>			
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 23.301(a)(b), Amdt 23-48; 23.303, Amdt 23-0; 23.305(a), Amdt 23-45; 23.307(a), Amdt 23-0; 23.365(a)(b)(d), Amdt 23-0; 23.601, Amdt 23-0; 23.603(a)(b), Amdt 23-23; 23.605(a), Amdt 23-23; 23.607(a)(b)(c), Amdt 23-0; 23.609(a), Amdt 23-0; 23.613(a)(b), Amdt 23-45; 23.625(a), Amdt 23-7			
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
☐ Recommend approval of these data I (We) Therefore ☒ Approve these data			
11. SIGNATURE(S) OF DESIGNATED ENGINEERING TREVOR J. STRONG 	12. DESIGNATION NUMBER(S) DERT-605818-NM	13. CLASSIFICATION(S) STRUCTURES	