

## **OVERVIEW**

## This aircraft is being sold as-is. It is unairworthy, but can be ferried anywhere in the Continental United States for delivery. We purchased this aircraft as a full refurb for company flying, but decided to go in a different direction.

The aircraft has a great panel, solid bones, and skins are in good condition. A full paint job will correct most outstanding exterior squawks, and the interior needs a complete refurbishment.

N190MG has 9,300 hours of total airframe time, outfitted in a passenger configuration. It has prior service in the Northeast United States as a commuter passenger aircraft.

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The Cessna 414A is beloved for its practical utility. A Goldilocks aircraft, the 414A offers nice upgrades over the original Cessna 400 series, without the added expense and complexity of the Cessna 421.

The RAM Series VII upgrade features winglets and an increase in engine power and performance.

Featuring a pressurized cabin and seating for eight, the engineers at Cessna outdid themselves with clever use of storage. Passenger baggage can be loaded in the aft cabin, wing & nose storage compartments.

A reliable workhorse for families, businesses, and regional airlines, the Cessna 414A has earned its reputation as affordable, reliable, & comfortable transportation. With the RAM Series VII upgrades, the 414AW is a serious performer.

### 1981 Cessna 414AW RAM VII N190MG | SN: 414A-0639

## AIRFRAME

Total Time: 9,300 hours Engines run monthly, aircraft flown occasionally.

## **ENGINES**

#### **Continental TSIO-520-NB**

335hp | 1,600 hours TBO <u>Left</u> S/N: 145105.5.B TSMOH: 1,050 hours by S-RAM Reman (09/2004)

Right S/N: 276775R TSMOH: 875 hours by S-RAM Reman (11/1998) Pickled & Put in Service 01/2007

## **PROPS**

#### McCauley 3-Bladed "Sabre Style" 3AF32C515

<u>Left</u> S/N: 950695 TSOH: 300 hours (11/2009)

<u>Right</u> S/N: 950691 TSOH: 300 hours (11/2009)



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## **AVIONICS**

**Original, Clean Panel, Rated 9/10** 

**Avionics Master Switch** 

COM: King KY 196A

R-NAV: King KNS 80

NAV/COM: King KX 155

??: Northstar M1 w/ RAM

Color Radar: Bendix 200

ADF: King KR 87

Autopilot: Cessna 800 IFCS w/ Flight Director



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## **ADDITIONAL EQUIPMENT**

#### Winglets

Glass windshield (Very good condition)

#### A/C

- Fire Extinguisher and Detector
- Full fresh overhauled landing gear
- Executive & commuter interior

Known Ice

Hoskins Fuel Flow

Full Copilots Instrument

## COMMENTS

#### Interior

- In poor condition
- Computer & passenger seating dividers and refreshment centers included

#### **Exterior**

- · Paint in poor condition
- Fresh exterior paint will fix large number of open squawks

#### **Comments**

- · Solid aircraft, skins in excellent shape
- Hangered with three prior owners
- · Sold as-is; full refurbishment or refurb as you fly

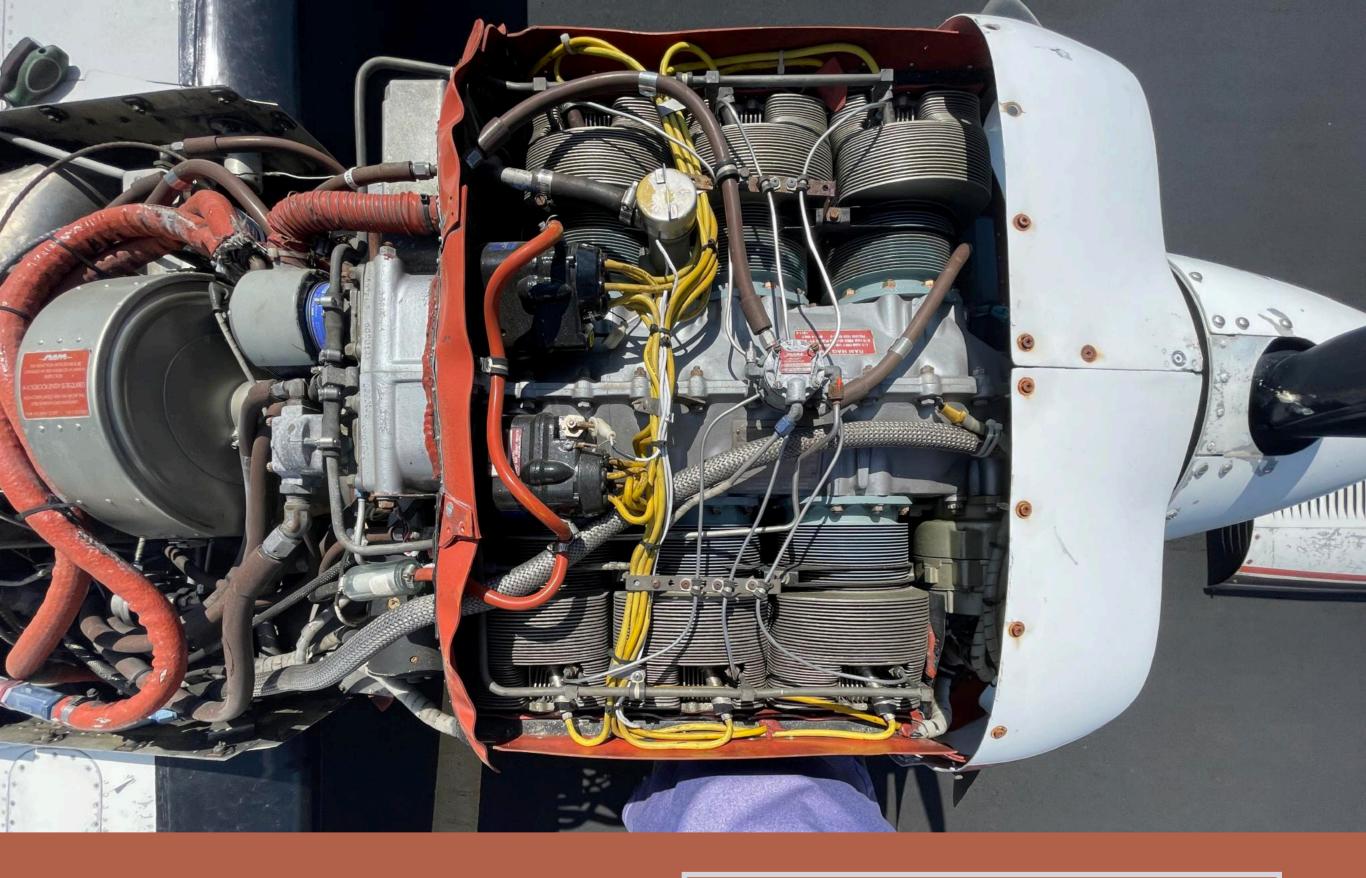
Aircraft specifications are subject to change at any time. This specification sheet is intended as preliminary information and is subject to verification by the purchaser

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#### **Left Hand Flap Area**

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### **Excellent skin & side glass**

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RAM\_ 414AW



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Shuttle

E

C-

2 sets of seats included

E

S. A.

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Note the clarity of the glass windshield

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G

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No hail damage - just ugly paint

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### **Really Good Bones**

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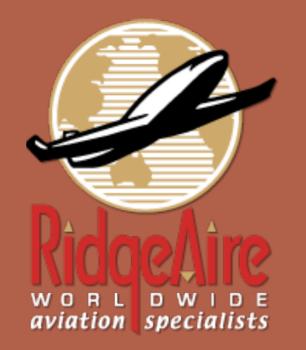
#### Winglets - Very Valuable!

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NISOMG





# 903-586-1521 https://ridgeaire.com

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People are more important than planes

"1981" "Cessna" "414A" "N190MG" Serial # "414A0639"				
Maintenance Squawks / To-Do List				
14	Diamagna	Total Open Squawks	78	
1 1	Discrepancy LH Engine compression test	Corrective Action           #1 20/80, #2 64/80, #3 70/80, #4 58/80, #5 73/80           #6 64/80	Corrected?	
2	RH Engine compression test	#1 10/80, #2 42/80, #3 10/80, #4 48/80, #5 50/80 #6 60/80		
3	Visual inspection sparcaps & carry thrus, exposed by gear trans floor panel	Some corrosion, especially in flapwell area		
4	Oil filter metal check	LH engine ok \\ RH engine has some metal - believed to be from sitting		
5	Exhaust AD note	Discrepency not accomlished - 50 k was spent in Boston on the exhaust		
6	Prism windshield RH side, Check heat on LH side	RH side is bad, ops test on left is OK		
7	Wheels and bearings	Repair to be complete in annual		
8	Wing Boots	Replace in annual		
9	Corrosion on tail boots	Repair to be complete in annual		
10	Prop boots	Inop - Timer		
11	Windshield deice	ОК	YES	
12	Nose strut leaking fluid	Repair to be complete in annual		
13	Both main struts leaking	Repair to be complete in annual		

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Maintenance Squawks / To-Do List				
ltem #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?	
14	Fuel leak LH upper wing panel	Reseal in annual		
15	LT aileron ding outboard-top	Note only	Note Only	
16	Nose baggage lock missiong	Repair to be complete in annual		
17	LH engine, RH inboard raddle riser has weld	Welding not acceptable		
18	RH engine inboard intake elbow bad	Repair to be complete in annual		
19	LH engine inboard intake elbow has clamp (over a hole?)			
20	LH engine LT exhaust elbow clamp loose at hanger			
21	LH tire bad	Repair to be complete in annual		
22	Battery drain broken	Repair to be complete in annual		
23	Oil seal at wasstegate act, seal drain	Repair to be complete in annual		
24	LT landing light missing	Order, repair & replace		
25	Elevator trim tab hinge loose	Repair to be complete in annual		
26	Flags missing on fuel selector		Item Transferred	

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Maintenance Squawks / To-Do List				
14 #	Diamana	Total Open Squawks	78	
Item #	Discrepancy	Corrective Action	Corrected?	
27	Alt alert breaker popped		Transferred	
28	RH windhshield not airworthy	Repair to be complete in annual		
29	LH storm window seal bad, window has smll chip	Repair to be complete in annual		
30	RH window crack	Polish		
31	Cabin steps do not extend		Item Transferred	
32	Aileron cable noisy under floor	Repair to be complete in annual		
33	Wing leading edges of boots have deteriorated spots	Strip & polish - good boots		
34	Corrosion around edge of vertical boot		Item Transferred	
35	Glob of filler at front of vertical		Item Transferred	
36	LH engine inboard cowl damaged at hinge	Repair to be complete in annual		
37	LH nose door extender inop	Repair to be complete in annual		
38	RH nose door extender attach loose	Repair to be complete in annual		
39	Blowdown bottle pressure low	Repair to be complete in annual		

	"1981" "Cessna" "414A" "	N190MG" Serial # "414A0639"			
	Maintenance Squawks / To-Do List				
ltem #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?		
40	Nose gear down link rusted	Repair to be complete in annual			
41	Corrosion on belly behind heater exhaust		Item Transferred		
42	Leaking fluid lead on belly behind nose gear	Repair to be complete in annual			
43	RH main gear actuator leak	Repair to be complete in annual			
44	RH upbck actuator leak	Repair to be complete in annual			
45	Prop deice inop - smoke from behind instrument panel	Repair to be complete in annual			
46	Surface deice inop	Repair to be complete in annual			
47	Raydome has honeycomb damage	Note only	Item Transferred		
48	LH brake inop - LH cyclinder leaks at wheel	Repair to be complete in annual			
49	Brake discs dished	Repair to be complete in annual			
50	RH nacelle light switch corroded	Repair to be complete in annual			
51	Sissor links loose - both mains	Repair to be complete in annual			
52	LH brake pads worn	Repair to be complete in annual			

	"1981" "Cessna" "414A" "N190MG" Serial # "414A0639"			
Maintenance Squawks / To-Do List				
Item #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?	
53			Confected	
	Corriosion under tail horizontal boots	Repair to be complete in annual, same as #8		
54	Deice light - inop	Repair to be complete in annual		
55	RH prop cable coming apart at ball socket	Repair to be complete in annual		
56	Carry through spar cap and webbing has corrosion	Repair to be complete in annual		
57	RH flapwell has corrosion - wire conduit split	Repair to be complete in annual		
58	LH flap well has corrosion intergranular on 2 members	Repair to be complete in annual		
59	Leading gear loading valve leaking at nose firewall	Repair to be complete in annual		
60	Landing gear selector valve leaking at nose firewall	Repair to be complete in annual		
61	Hole in right rear shelf	Repair to be complete in annual		
62	LH nacelle door lock broke	Repair to be complete in annual		
63	AD 2000-01-16 past due at Hobbs 9261.7, C & E due now, D & F due at 9469.7	Repair to be complete in annual		
64	AD 97-26-16 mount beam due at Hobbs 10,782	Repair to be complete in annual		
65	AD 95-09-13 float valuve due at Hobbs 9811-7	Repair to be complete in annual		

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Maintenance Squawks / To-Do List				
ltem #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?	
item #	Discrepancy		Corrected?	
66	AD 2004-21-05 due at Hobbs	Repair to be complete in annual		
67	VG missing RH wing	Repair to be complete in annual		
68	RAM air filters due for replacement	Repair to be complete in annual		
69	RH engine RH mag timed slow 19 degrees	Repair to be complete in annual		
70	Tail close out panel was broken attachment bracket	Repair to be complete in annual		
71	RH prop spinner backplot corroded	Repair to be complete in annual		
72	Prop heat harnesses missing from both props	Repair to be complete in annual		
73	RH prop blad seat leaking grease	Repair to be complete in annual		
74	RH strainer bowl rsty and has trash inside & seeping	Repair to be complete in annual		
75	Corrosion on structure forward side of LH engine, trumion inside strainer panel	Repair to be complete in annual		
76	Exhaust overboard trails have corrosion and pulled & missing rivets	Repair to be complete in annual		
77	Vaccum reg filters dirty	Repair to be complete in annual		
78	Main vacuum filter deteriorated	Repair to be complete in annual		

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Maintenance Squawks / To-Do List				
ltem #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?	
79	Hyd filter elements due change	Repair to be complete in annual		
80	A/C care baffle bracket broke loose in RH nacelles	Repair to be complete in annual		
81	A/C condensor core baffle loose	Repair to be complete in annual		
82	Broken screw in nacelle panel RH side	Repair to be complete in annual		
83	Freon lines corroded RH nacelle	Repair to be complete in annual		
84	Flight controls cable tensions need to be adj	Repair to be complete in annual		
85	Condensor exhaust fan not running	Repair to be complete in annual		
86	RH engine nacelle top cowl strip corroded over turbo	Repair to be complete in annual		
87	LH engine nacelle top cowl strip corroded over turbo	Repair to be complete in annual		
88	Cabin chair seat back broken		Item Transferred	
89	Cabin dividers not installed with all brakets		Item Transferred	
90	Fuel selector cover loose		Item Transferred	
91	Several cabin seat hydrolocs inop		Item Transferred	

	"1981" "Cessna" "414A" "N190MG" Serial # "414A0639"				
	Maintenance Squawks / To-Do List				
Item #	Discrepancy	Total Open Squawks Corrective Action	78 Corrected?		
92	Spot of engine metal - probably due to recent cylinder work	Same as #4	Note Only		
93					
94					
95					
96					
97					
98					
99					
100					



1981 RAM Cessna 414AW Series VII N190MG | SN: 414A-0639

## **OVERVIEW**

This RAM Cessna 414AW Series VII is a no damage history, three owners, all logs present, hangered aircraft with winglets.

It has solid bones with excellent skins and is ready for a mid-life refresh. Both engines are just over halfway to TBO, and props are 300 hours SMOH.

The airplane is ready for a total interior and exterior refresh, or a great project airplane to rehab as you fly.

Below are pictures showing open squawks, as well as the full list at the end of this presentation.

We're open to a straight sale on this aircraft, or including it in a trade for an experimental/single/multi/ turbine.

Give us a call and let's make a a win-win!



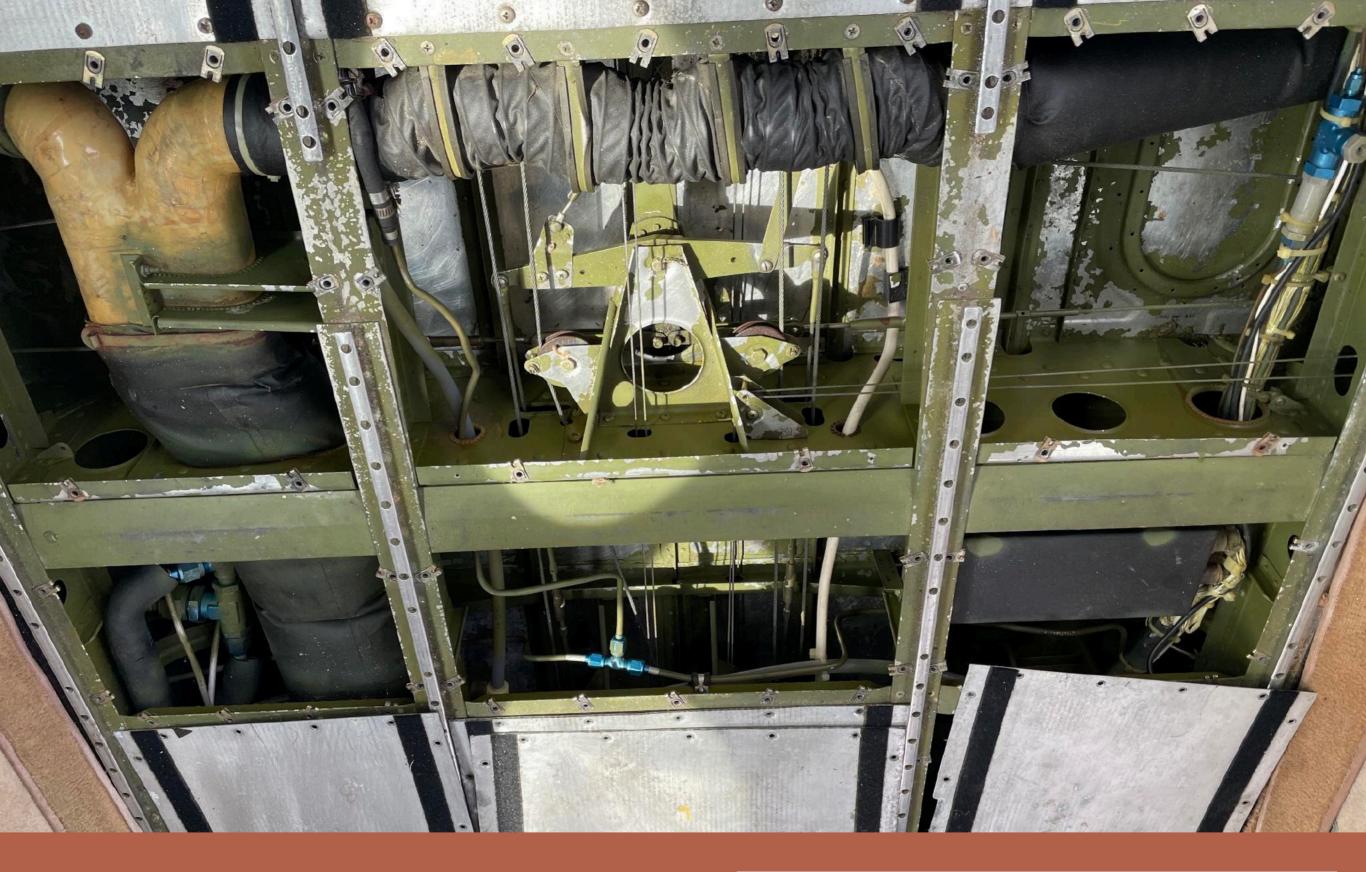
### 1981 RAM Cessna 414AW Series VII N190MG | SN: 414A-0639

## **GOOD BONES**

N190MG needs work, but the bones are clean and solid. Note the condition of the main spar pass throughs, which are indicative of the overall condition of the aircraft.

A fresh paint job will resolve many of the squawks.

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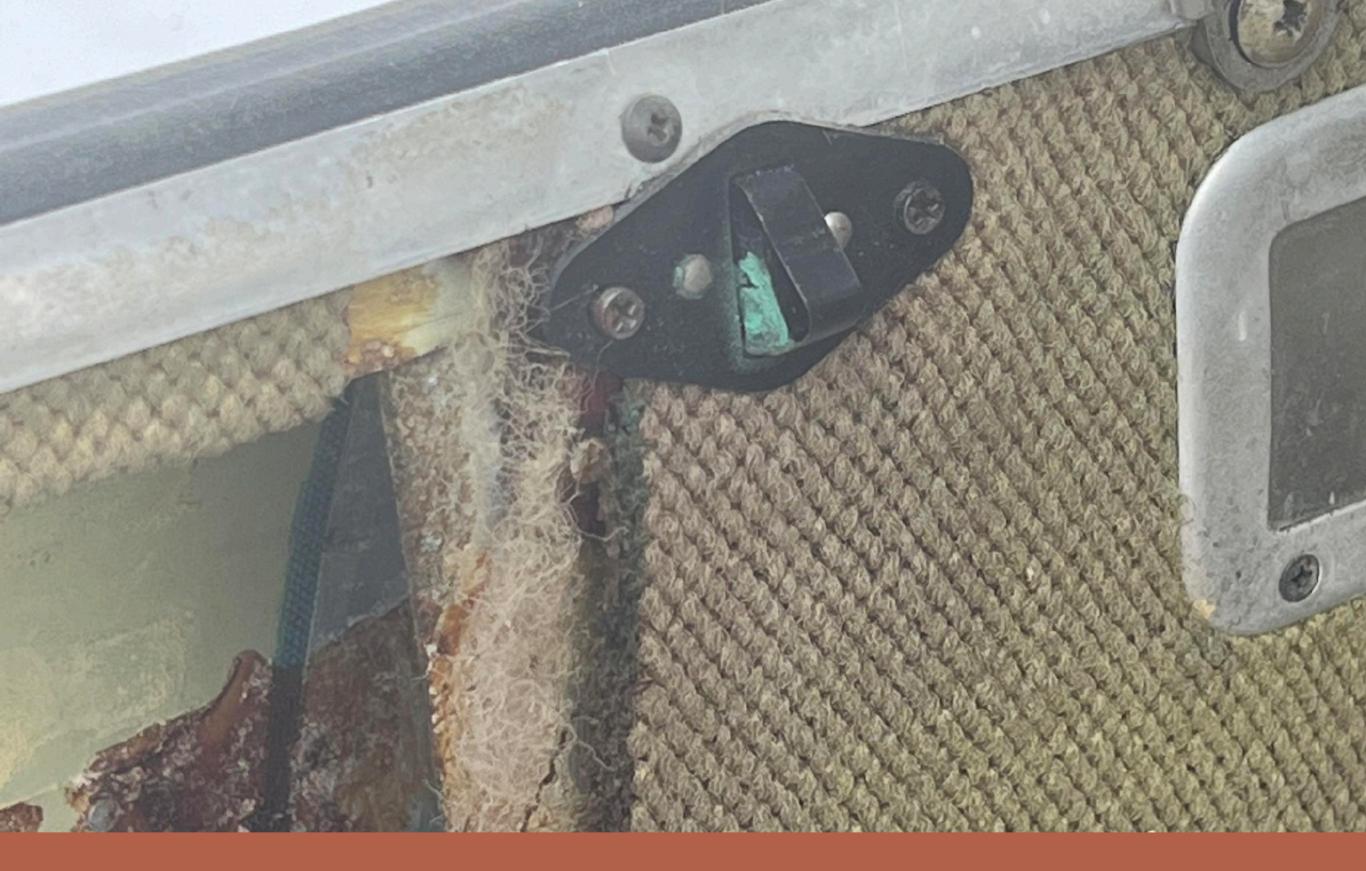






RH nacelle light switch corroded

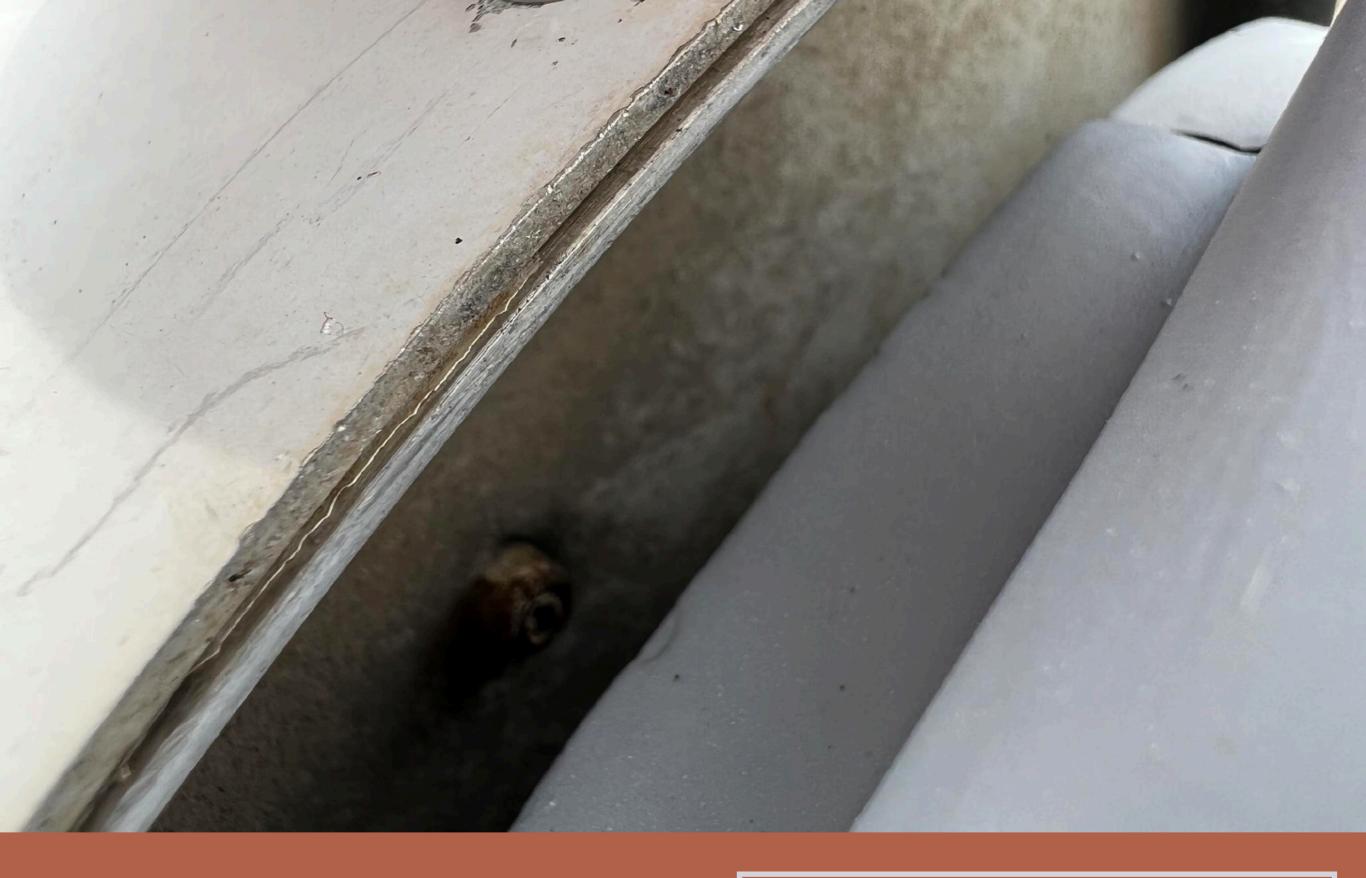
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RH prop spinner backplot corroded

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Corrosion around edge of vertical boot

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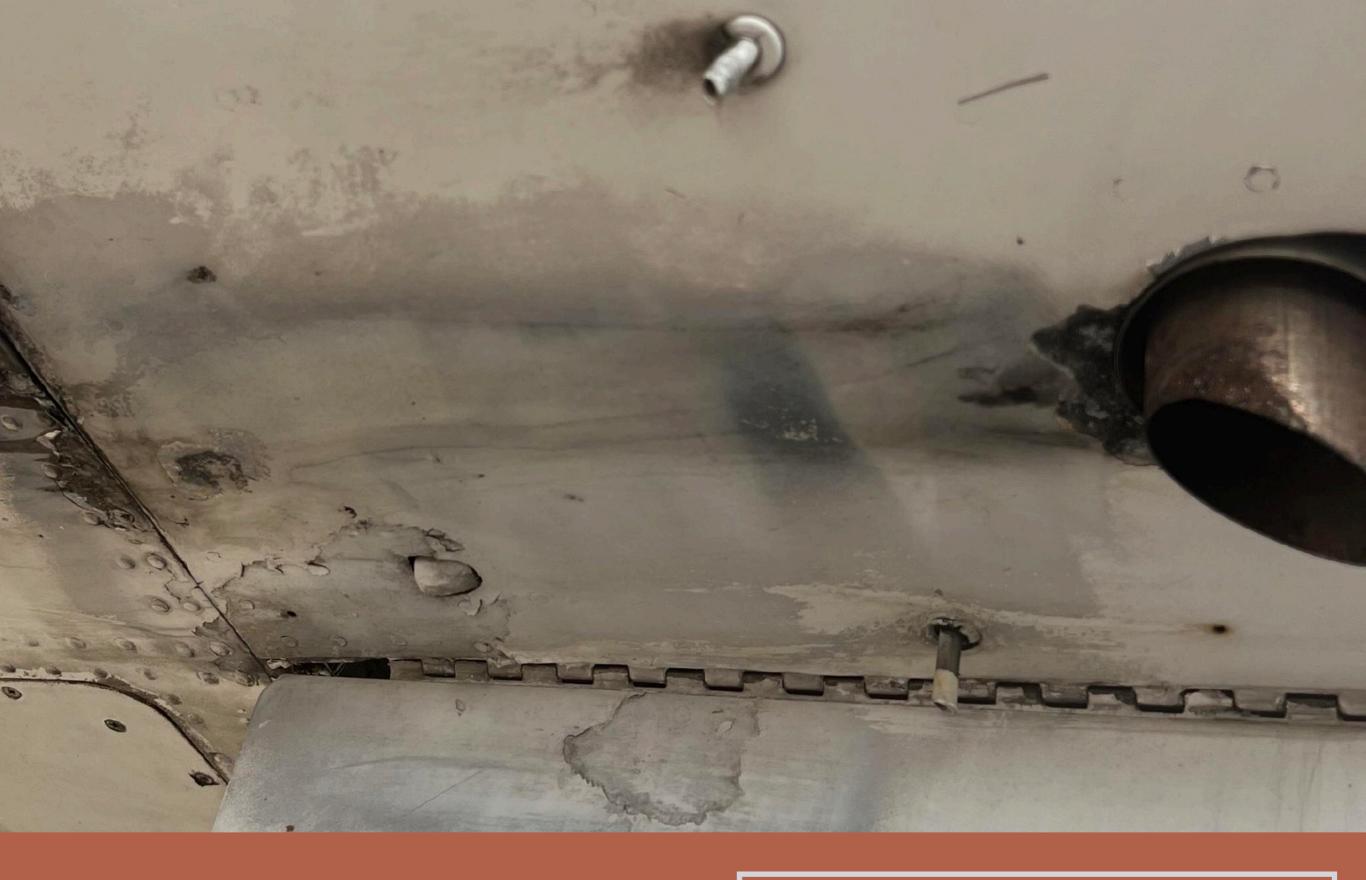


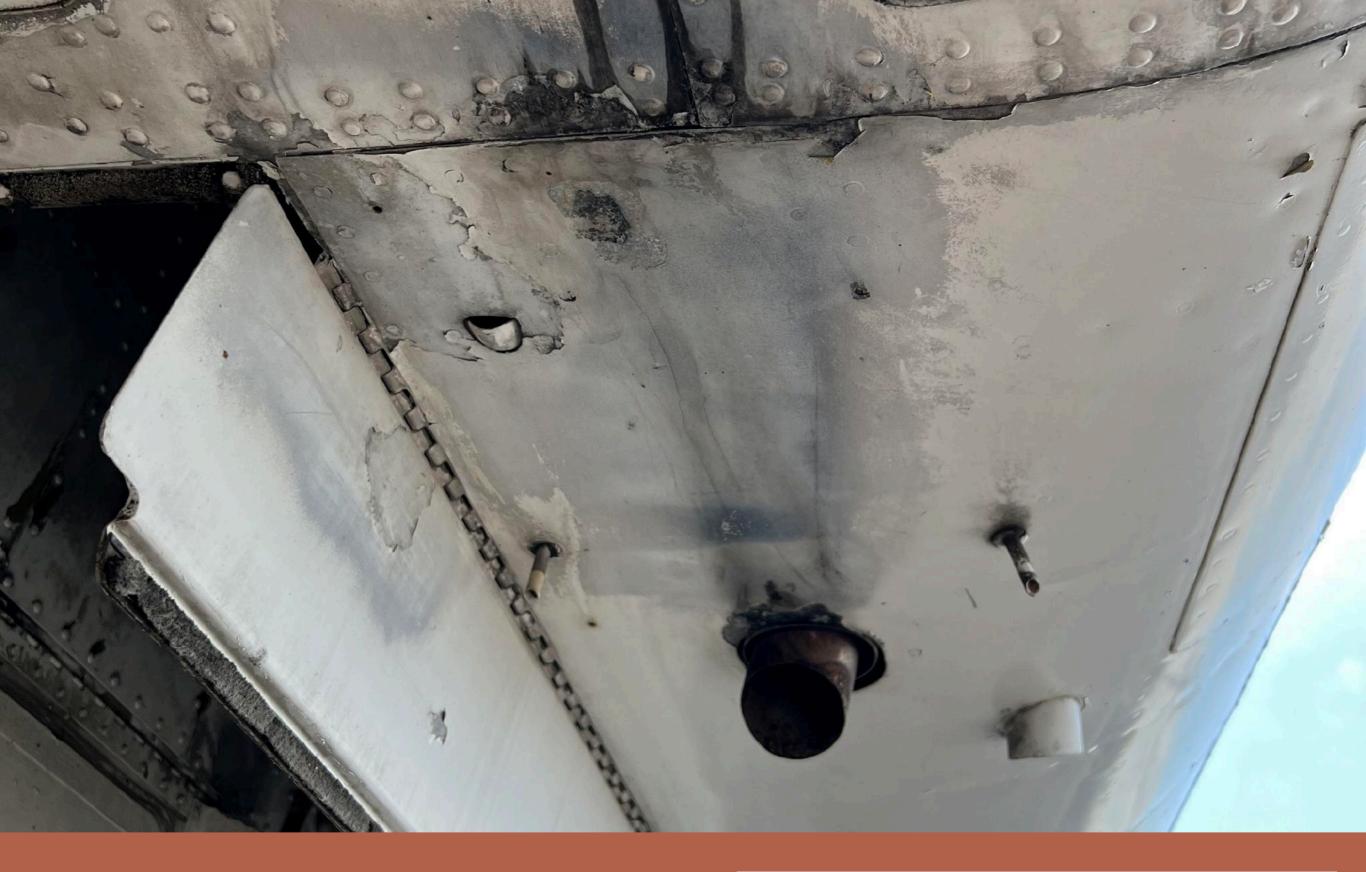




Corrosion on belly behind heater exhaust

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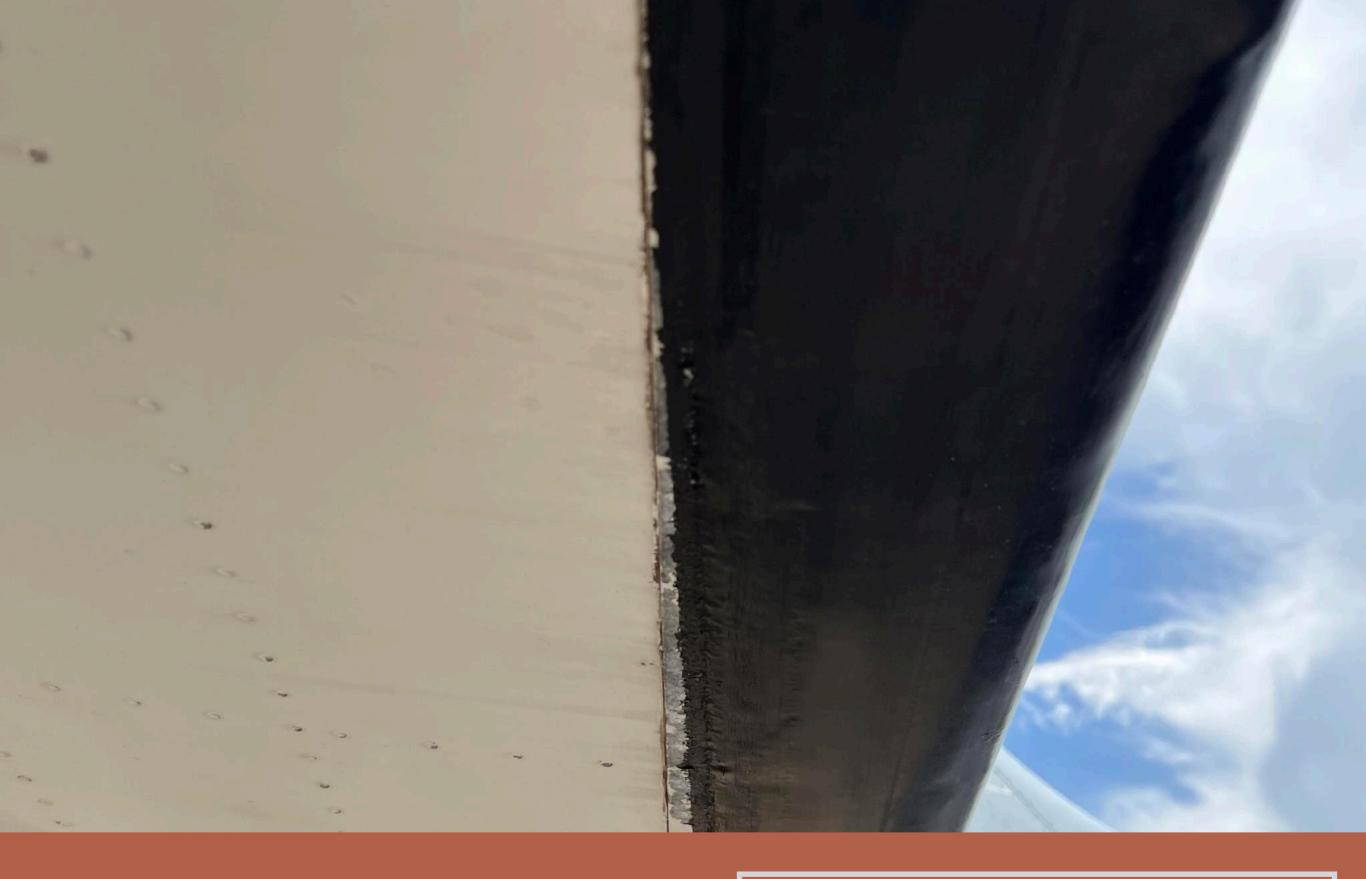


## SQUAWKS #33, 34, 53

- 33. Leading edges of boots have deteriorated spots
- 34. Corrosion around edge of vertical boot
- 53. Corrosion under horizontal boots

1981 RAM Cessna 414AW Series VII N190MG | SN: 414A-0639









## SQUAWKS #8, 33, 53

- 8. Wing boots
- 33. Leading edges of boots have deteriorated spots
- 52. Corrosion under horizontal boots

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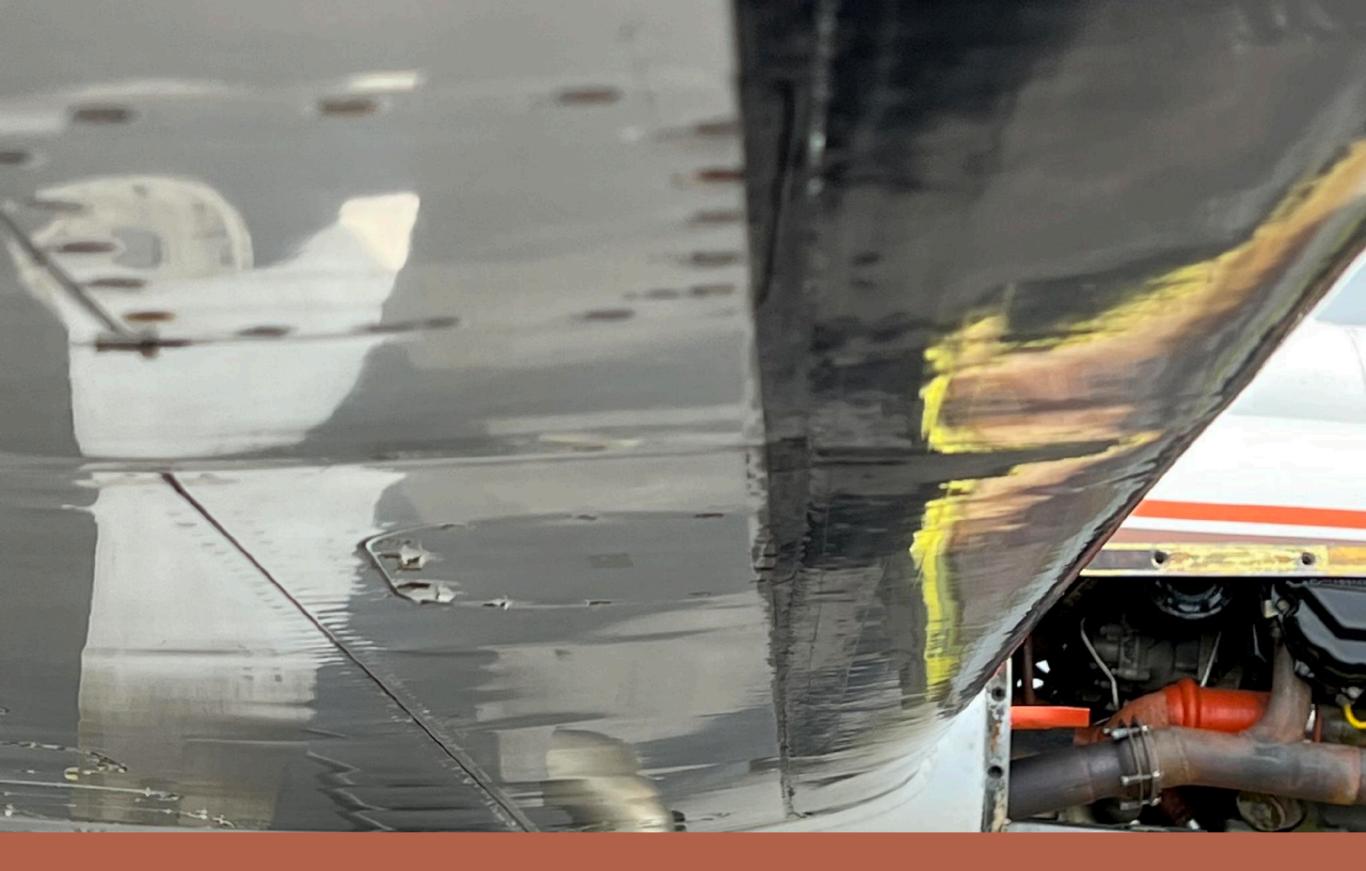


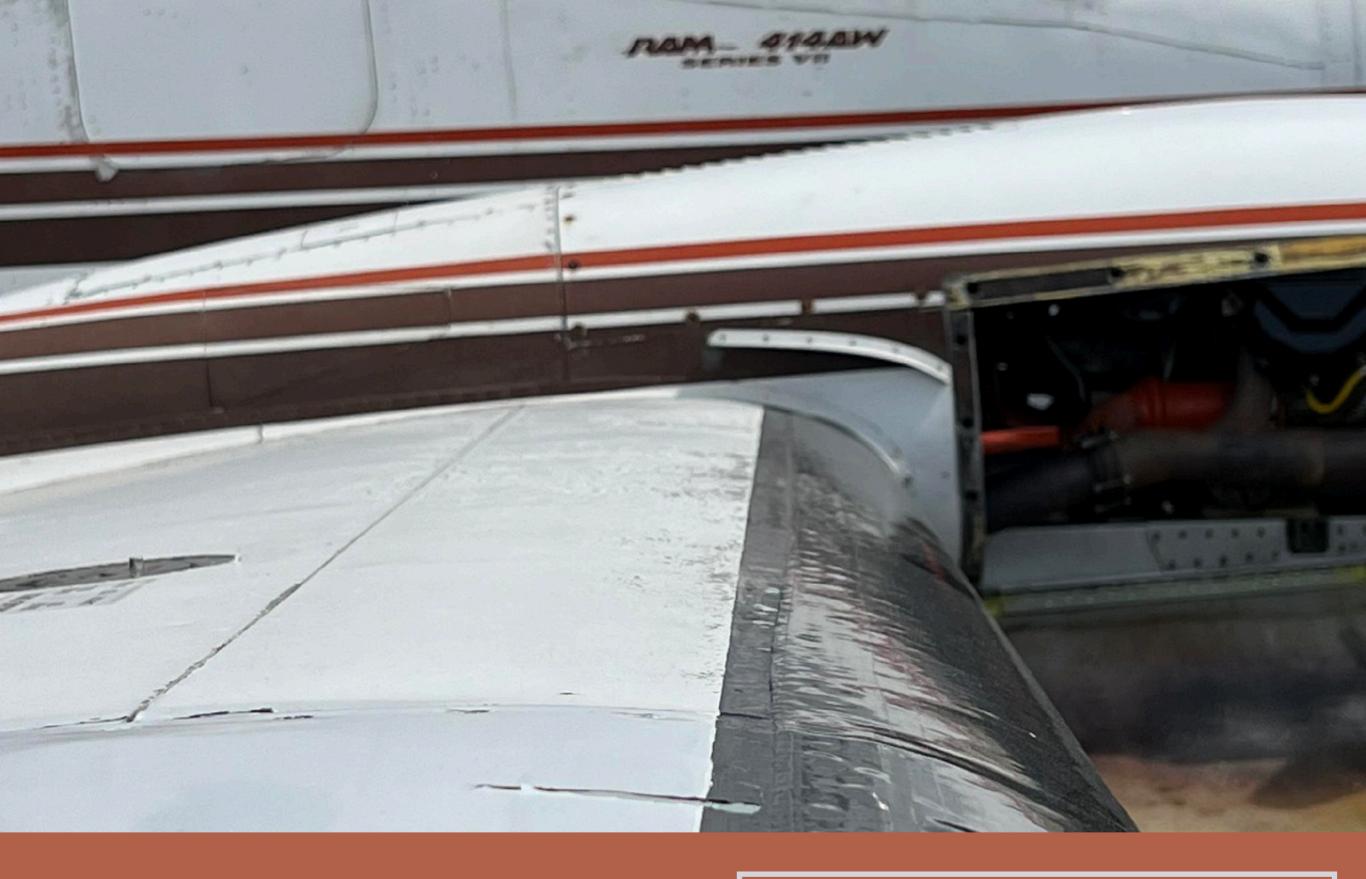


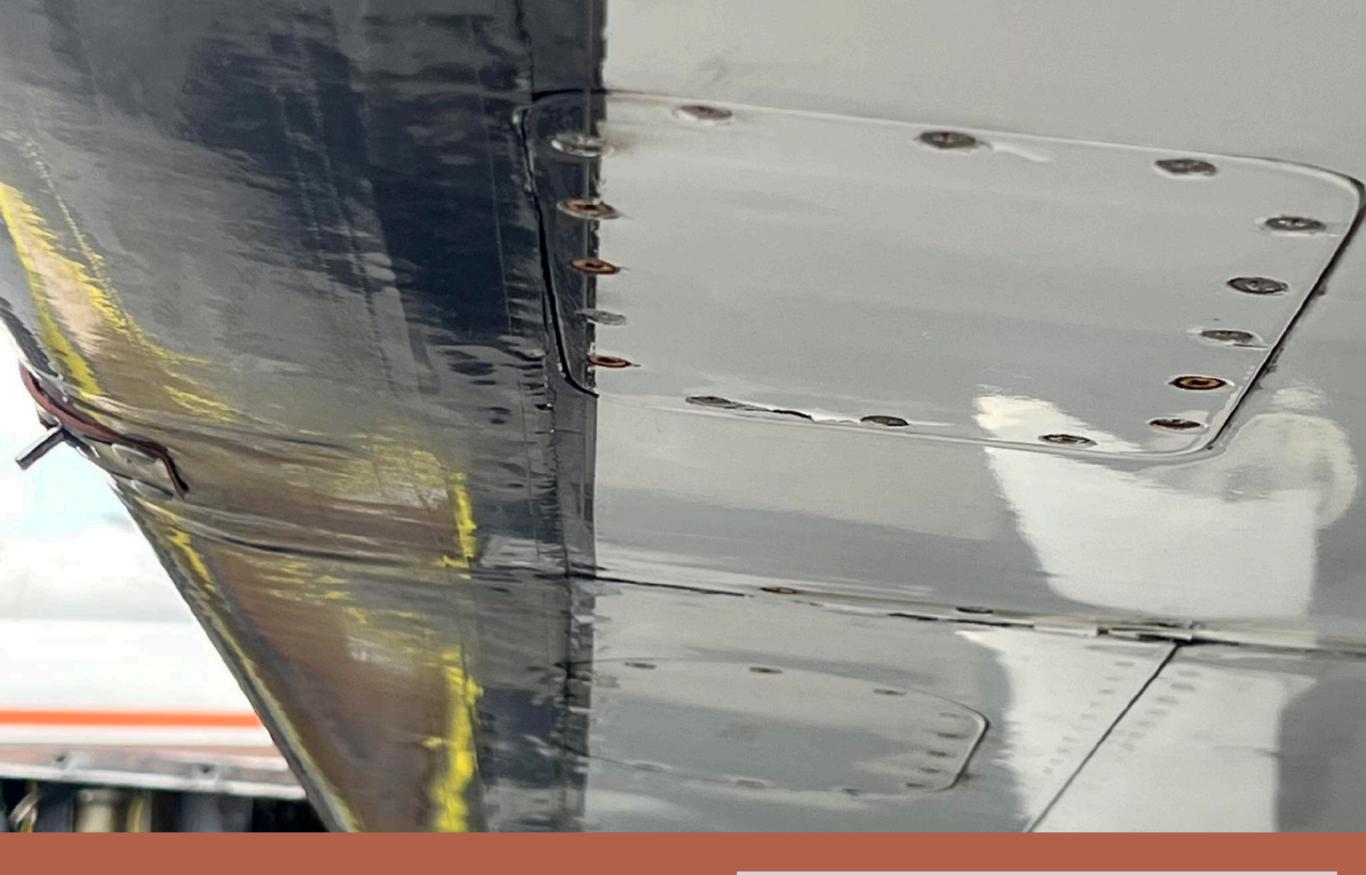


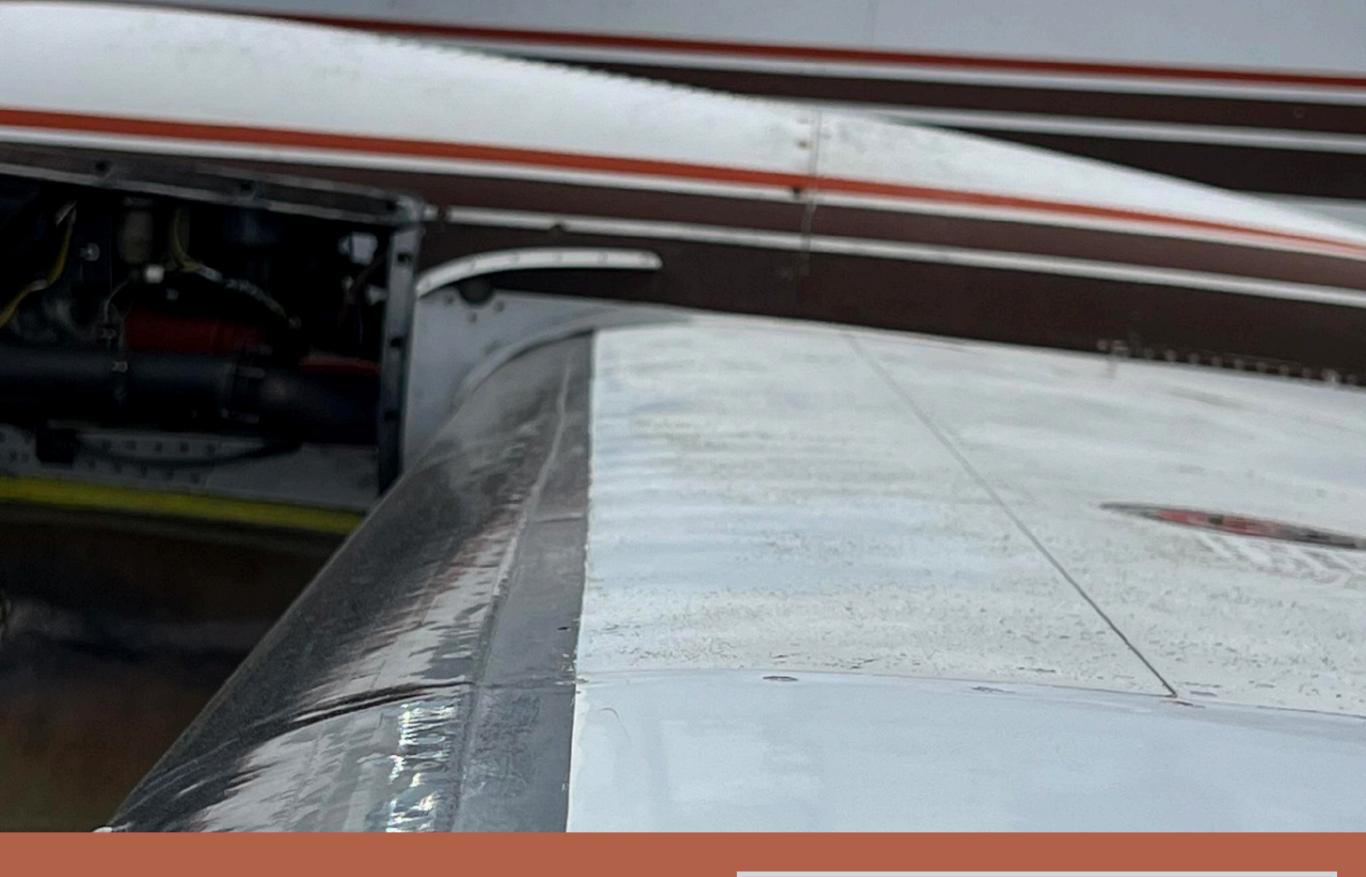










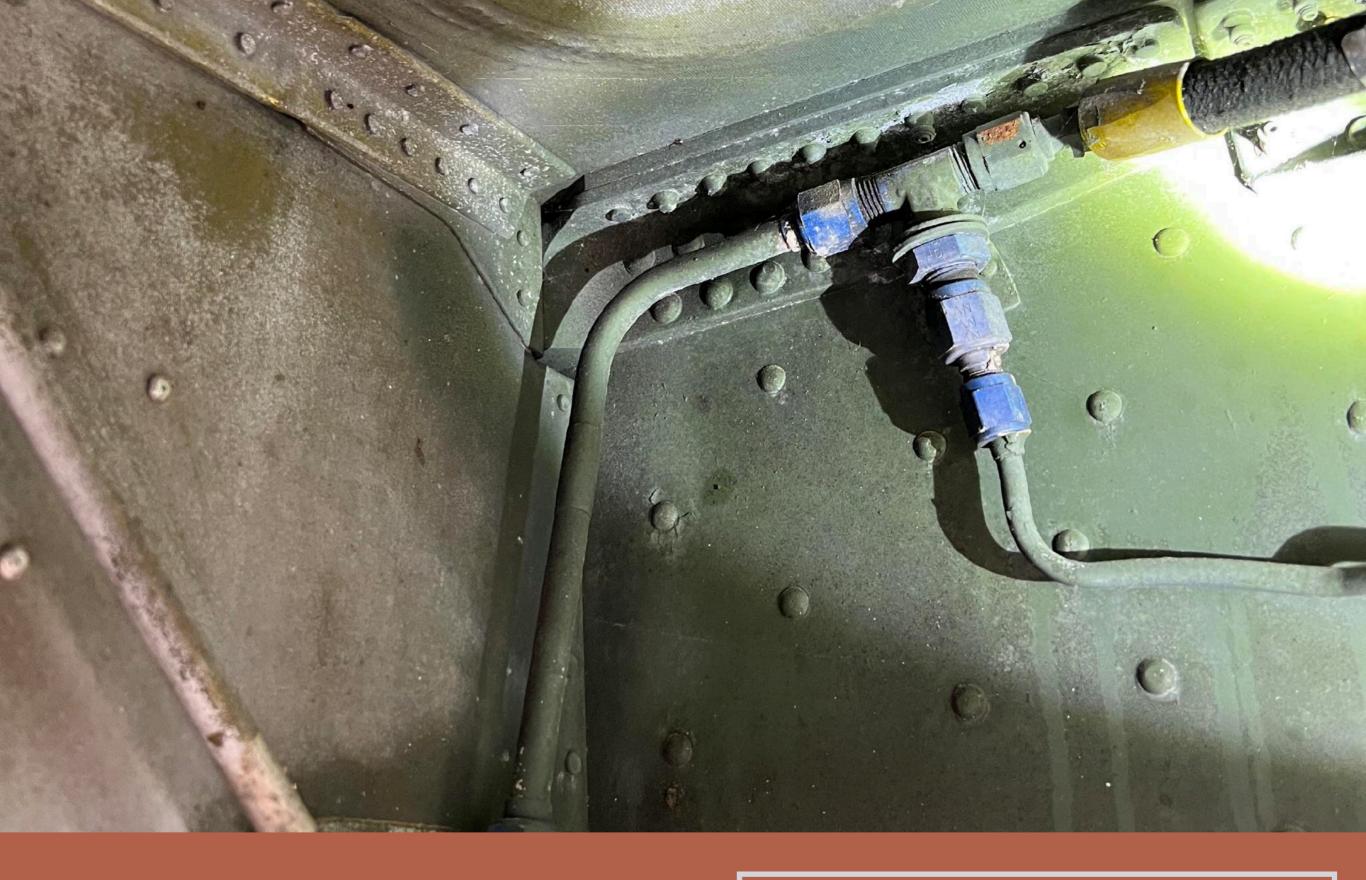


## **SQUAWK #56**

Carry through spar cap and webbing has corrosion

Air Impressions quote to repair: \$12,000 - \$15,000

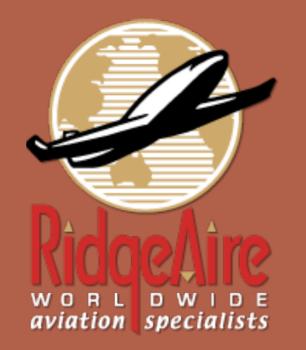
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People are more important than planes