US Departme of Transportat	
Federal Avia	

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

Form Approved	
OMB No. 2120-0020	
For FAA Use Only	,
Office Identification	

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Administration	on								
and dispos	sition of this form.	pe all entries. See FAR This report is required tion 901 Federal Aviat	d by law	v (49 U.S.C. 1421). Fa	ailure to report	(or subsequen can result in a	it revision t a civil pena	hereof) for in	nstructions ceed \$1,000
	Make Pi	Make Piper			Model PA-22-135				
1. Aircraft	Serial No.	2-1646		7	Nationality a	nd Registratio			
		wn on registration cer	rtificate	·)	Address (As	shown on reg		ertificate)	
2 Owner	,			•	1	15841 Pear Cir.			
2. Owner	Frank P.	Sperandeo III		Fayetteville, AR 72704					
				3. For FAA Use O	nly				
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			·	4. Unit Identificati	ion			5. Type	
Unit	ſ	Make		Model		Serial No	).	Repair	Alteration
AIRFRAME		(As described in Item 1 above)				х			
POWERPLANT						- 100			
PROPELLER						·			
APPLIANCE	Type Manufacturer								
			6	i. Conformity States	ment				
A. Agency's	Name and Address	iS .		B. Kind of Agency			C. Certif	icate No.	
	K. V. Turi	•		X U.S. Certificate			1		
	17654 <b>Ma</b> :		1	Foreign Certificated Mechanic  Certificated Repair Station			1464298		
	Garfield, A	AR 72732		Manufacturer			1		
have be	en made in accord	d/or alteration made to dance with the require nd correct to the best	ements	of Part 43 of the U.	m 4 above and c S. Federal Avia	described on that ition Regulation	he reverse ons and the	or attachme at the inform	nts hereto nation
Date	27/9%	?		Signature of Author	prized Individu	at_ UN	- Oer		
<u> </u>			7. Ap	proval for Return To	o Service		~ <del>~</del>		
		ven persons specified Aviation Administration			d in item 4 was D □ REJE0		the man	ner prescrib	ed by the
Ins	A Fit. Standards	Manufacturer	1/3	Inspection Authoriza		ther (Specify)			
FA	A Designee	Repair Station		Person Approved by Canada Airworthine			-		
	oval or Rejection	Certificate or Designation No.		Signature of Autho	rized Individua	al .			

#### 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.

1	В.	Description	of Work	Accomplished

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

- 1. Removed existing 3/8" Dia. fuel line from gas collator, right side, bottom of floor, to AN "T" located in front of right upper side doorpost under instrument panel.
- 2. Installed A.N. cap at lower "T" fitting. (See Figure 2, sheet A).
- 3. Installed a new 3/8" 5051 Alum tubing. fuel line from right floor gas collator to new UNIVAR FUEL VALVE # U-491-947A, VIA. behind tubular Fuselage crossmember, and parallel to left cabin floor bulkhead using AN Fittings. (See Figure 2, sheet B).
- 4. Test fuel system for leaks and found none.
- 5. Test fuel system for flow of fuel and found a difference of 8% between right and left tank as compared to 18% before modification, for a net gain of 225% improvement. System now has a gravity fuel flow of 38 GAL/HR.
- 6. No significant change in weight and balance noted.

\*

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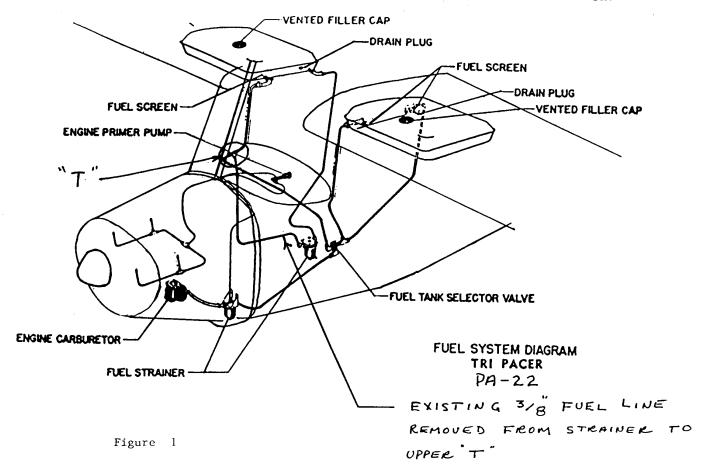
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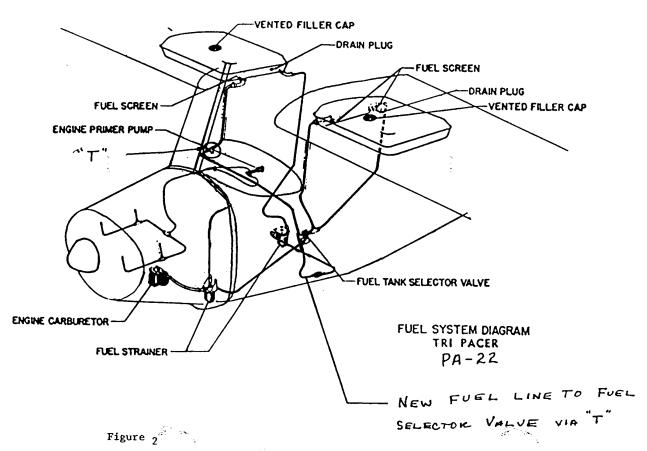
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☐ Additional Sheets Are Attached





# Parts Manufacturer Approval Listing - Supplement No. 65 Federal Aviation Administration - Parts Manufacture Approval

## Univair Aircraft Corporation

Univair Aircraft PAA-Approved Design Data	Approved Replacement for	FAA Design Approval Means	Installation Eligibility
Cowl Latch Part No. U-0452108, U-0452109, U-0452111, U-0452112, U-0452113, U-0452114, U-0452115, U-0452119, U-0452120, U-0452122, U-0452123	Cessna Aircraft Co. Part No. 0452108 0452109 0452110 0452111 0452112 0452113 0452114 0452115 0452119 0452120 0452122	Identical Design Approval per FAR 21.303(c)	120, 140, 140A, 170, 170A, 170B
Fuel Valve Part No. U-491-947	Piper Aircraft Corp. Part No. 491-947	Identical Design Approval per FAR 21.303(c)	PA-18
Blevator Link Part No. U-10449-00	Piper Aircraft Corp. Part No. 10449-00	Identical Design Approval per FAR 21.303(c)	J-5C, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, PA-25
Grommet Part No. U-10293-00 and U-10293-02	Piper Aircraft Corp. Part No. 10293-00 and 10293-02	Identical Design Approval per FAR 21.303(c)	PA-11, PA-14, PA-15, PA-17, PA-18, PA-20, PA-22, PA-25, J-3, J5C
Fairing Part No. U-4-10000	Bellanca/Champion Part No. 4-10000	Identical Design Approval per FAR 21.303(c)	7EC, 7FC, 7ECA, 7GCAA, 7GCBC

END OF LIST

Acting Manager, Seattle Manufacturing

Inspection District Office

Issued: February 9. 1977 Reissued: September 18, 1989

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