

SERVICE



LETTER

Service Letter No. 288B

January 6, 1958

TO: Distributors, Dealers and Owners

SUBJECT: Accessories, Optional Equipment and Modification Kits

MODEL AFFECTED: Apache - PA-23

This letter supersedes Service Letters Nos. 288 dated November 21, 1956 and 288A dated December 13, 1957.

We are pleased to announce the availability of additional modification kits for the Apache. This is in line with our policy of making available to Apache owners improvements which will tend to increase the efficiency of the airplane and also to lessen aircraft maintenance. A brief description indicating the use of these modification kits is as follows:

1. Carburetor Air Heater Modification Kit. The carburetor air heating system has been redesigned to increase the heat of the airflow to the carburetor and a lower manifold pressure loss and is offered for installation on all earlier model Apaches up to Serial No. 23-1151 inclusive. For customer convenience, this modification is available in two separate kits described as follows:
 - a. Carburetor air heater modification kit, part number 754 171, includes new carburetor air boxes, exhaust stack shrouds, carburetor air temperature gauge and all necessary installation parts and installation instructions, and is for use on airplanes Serial Nos. 23-1 to 23-919 inclusive.
 - b. Carburetor air heater modification kit, part number 754 173, includes the same material as Kit Part No. 754 171 less the carburetor air temperature gauge, and is for use on airplanes Serial Nos. 23-920 to 23-1151 inclusive.
2. Split Nose Cowl Modification Kit. The engine nose cowl was redesigned to incorporate a split cowl for the purpose of lessening aircraft maintenance. This improvement allows removal of the cowl without the necessity of removing the propeller and can be adapted to earlier model Apaches in the field. The split nose cowl modification kit, part number 754 177, includes a sufficient amount of material for the modification of one cowl.
3. Cabin Heater Modification Kit. The cabin heater fuel control valve has been redesigned to increase the heat output. This fuel valve is available for installation on earlier model Apaches from Serial No. 23-171 to 23-1242 inclusive. The material required for installation of this fuel control valve is contained in two separate kits due to differences in the cabin heating system on certain model Apaches. Kit Part No. 754 172 is for Apache airplanes Serial No. 23-747 to 23-1242 inclusive and consists only of the fuel control valve and necessary installation parts. Kit Part No. 754 176 is for Apache airplanes Serial Nos. 23-171 to 23-746 inclusive and consists of the fuel control valve plus material for the installation of an outside air inlet to the combustion air blower.

PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.

The following listing indicates these modifications as well as the optional equipment and accessory kits for the Apache:

<u>PART NO.</u>	<u>CODE NO.</u>	<u>NOMENCLATURE</u>	<u>RETAIL PRICE</u>
754 058	A	Auxiliary Fuel System (complete)	\$ 660.00*
754 133		Baggage Door Hold-Up Strap Installation - Brown	2.06
754 087		Cabin Door Quick Release Installation	6.02
754 176	C	Cabin Heater Fuel Valve (23-171 to 23-746 incl.)	
754 172	C	Cabin Heater Fuel Valve and Combustion Air Blower (23-747 to 23-1242 incl.)	
754 171		Carburetor Air Heater Modification with Carburetor Air Temperature Gauge (23-1 to 23-919 incl.)	225.00**
754 173		Carburetor Air Heater Modification less Carburetor Air Temperature Gauge (23-920 to 23-1151 incl.)	185.00**
754 044		Dual Generator Installation (complete)	170.00*
754 056		Dual Vacuum Pump Installation	460.00*
754 041		Electric Pitot Tube Installation	74.00*
754 177		Engine Split Nose Cowl (23-1 to 23-1182 incl.)	10.00*
754 108		Fifth Seat Installation - Brown (23-1 to 23-375 incl.)	720.00*
754 122		Fifth Seat Installation - Red (23-376 to 23-389 incl.)	640.00*
754 123		Fifth Seat Installation - Blue (23-376 to 23-389 incl.)	640.00*
754 113		Fifth Seat Installation - Red (23-390 to 23-746 incl.)	640.00*
754 114		Fifth Seat Installation - Blue (23-390 to 23-746 incl.)	640.00*
754 159		Fifth Seat Installation - Red (23-747 to 23-1163 incl.)	640.00*
754 160		Fifth Seat Installation - Blue (23-747 to 23-1163 incl.)	640.00*
754 161		Fifth Seat Installation - Rose (23-747 to 23-1163 incl.)	640.00*
754 178		Fifth Seat Installation (less seat) (23-1197 and up)	21.33**
19341-10	B	Headrest Assy. - Red (23-1182 and up)	18.52
19341-06	B	Headrest Assy. - Blue (23-1182 and up)	18.52
19341-02	B	Headrest Assy. - Brown (23-1182 and up)	18.52
754 091		Navigation Light Flasher	30.20*
754 097		Oxygen System Installation (less Oxygen Tank and Console)	25.38
18674-00		Oxygen Tank and Console (Secure Kit 754 097 for installation of this item.)	282.90*
754 111		Reclining Seat Installation - Brown (23-1 to 23-375 incl.)	920.00*
754 124		Reclining Seat Installation - Red (23-376 to 23-389 incl.)	840.00*
754 125		Reclining Seat Installation - Blue (23-376 to 23-389 incl.)	840.00*
754 115		Reclining Seat Installation - Red (23-390 to 23-746 incl.)	840.00*
754 116		Reclining Seat Installation - Blue (23-390 to 23-746 incl.)	840.00*
754 156		Reclining Seat Installation - Red (23-747 to 23-1163 incl.)	840.00*
754 157		Reclining Seat Installation - Blue (23-747 to 23-1163 incl.)	840.00*
754 158		Reclining Seat Installation - Rose (23-747 to 23-1163 incl.)	840.00*
754 089		Rotating Beacon Installation	108.00*

Service Letter No. 288B

January 6, 1958

<u>PART NO.</u>	<u>CODE NO.</u>	<u>NOMENCLATURE</u>	<u>RETAIL PRICE</u>
754 117		Shoulder Harness Installation - Single Passenger - Brown	\$ 32.41*
754 126		Shoulder Harness Installation - Single Passenger - Black	32.73*
754 099		Sun Visor Installation - Brown	18.44*
754 129		Sun Visor Installation - Gray with black trim	30.30
754 143		Taxi Light Installation	24.16*
754 141		Window Curtains Installation - Gray	76.00

Code A -When ordering this kit designate whether 150 HP or 160 HP engines are installed.

Code B - Two headrests are included with each new Apache. Additional requirements must be ordered from your Piper distributor.

Code C -See your Piper distributor for price of this modification kit. Availability of this kit - approximately ten (10) a month.

Very truly yours,

PIPER AIRCRAFT CORPORATION



Robert Martin
Parts Manager

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