

Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Carburetor Heat	PA-18 s/n all;
~			Control Assembly: Cabin Heat	PA-18 s/n all;
~			Control Assembly: Mixture	PA-18 s/n all;
~			Control Assembly: Cabin Heat	PA-18 "105" (Special) s/n all;
~			Control Assembly: Carburetor Heat	PA-18 "105" (Special) s/n all;
~			Control Assembly: Mixture	PA-18 "105" (Special) s/n all;
~			Control Assembly: Cabin Heat	PA-18 "125" (Army L-21A) s/n all;
~			Control Assembly: Carburetor Heat	PA-18 "125" (Army L-21A) s/n all;
~			Control Assembly: Mixture	PA-18 "125" (Army L-21A) s/n all;
~			Control Assembly: Carburetor Heat	PA-18 "135" (Army L-21B) s/n all;
~			Control Assembly: Mixture	PA-18 "135" (Army L-21B) s/n all;
~			Control Assembly: Cabin Heat	PA-18 "135" (Army L-21B) s/n all;
~			Control Assembly: Cold Air Inlet	PA-18 "135" (Army L-21B)* s/n 18-2168 thru 18-7632 (PA-18-135 & PA-18-150);
~			Control Assembly: Carburetor Heat	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Cabin Heat	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Cold Air Inlet	PA-18 "150"* s/n 18-3771 thru 18-8309025 (PA-18-135 & PA-18-150);
~			Control Assembly: Mixture	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Carburetor Heat	PA-18 "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Mixture	PA-18 "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Cold Air Inlet	PA-18 "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Cabin Heat	PA-18 "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Cabin Heat	PA-18A s/n all;

Project Engineer: <i>[Signature]</i> Date: APR - 17 - 2011	Quality Manager: <i>[Signature]</i> Date: 4-18-11		
Engineering Manager: <i>[Signature]</i> Date: 9/14/11	Manufacturing Manager: <i>[Signature]</i> Date: 4-18-11		
 McFarlane ® McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006			
Title: Installation Eligibility; Miscellaneous Push-Pull Controls for Piper Aircraft			
Size: A	Scale: NA	Drawn: Fred McClenahan	Sheet: 1 of 21
Drawing Number: 6513			REVISION ~

02/08/2011	ORIGINAL
REVISION	

"X": Bold letter indicates revision level.

Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Carburetor Heat	PA-18A s/n all;
~			Control Assembly: Mixture	PA-18A s/n all;
~			Control Assembly: Cabin Heat	PA-18A "135" s/n all;
~			Control Assembly: Carburetor Heat	PA-18A "135" s/n all;
~			Control Assembly: Mixture	PA-18A "135" s/n all;
~			Control Assembly: Cold Air Inlet	PA-18A "135"* s/n 18-2168 thru 18-7632 (PA-18-135 & PA-18-150);
~			Control Assembly: Carburetor Heat	PA-18A "150" s/n all;
~			Control Assembly: Cabin Heat	PA-18A "150" s/n all;
~			Control Assembly: Cold Air Inlet	PA-18A "150" s/n all (PA-18-135 & PA-18-150);
~			Control Assembly: Mixture	PA-18A "150" s/n all;
~			Control Assembly: Cabin Heat	PA-18AS "125" s/n all;
~			Control Assembly: Carburetor Heat	PA-18AS "125" s/n all;
~			Control Assembly: Mixture	PA-18AS "125" s/n all;
~			Control Assembly: Cabin Heat	PA-18AS "135" s/n all;
~			Control Assembly: Carburetor Heat	PA-18AS "135" s/n all;
~			Control Assembly: Mixture	PA-18AS "135" s/n all;
~			Control Assembly: Cold Air Inlet	PA-18AS "135"* s/n 18-2168 thru 18-7632 (PA-18-135 & PA-18-150);
~			Control Assembly: Cold Air Inlet	PA-18AS "150" s/n all (PA-18-135 & PA-18-150);
~			Control Assembly: Carburetor Heat	PA-18AS "150" s/n all;
~			Control Assembly: Cabin Heat	PA-18AS "150" s/n all;
~			Control Assembly: Mixture	PA-18AS "150" s/n all;
~			Control Assembly: Cabin Heat	PA-18S s/n all;

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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Carburetor Heat	PA-18S s/n all;
~			Control Assembly: Mixture	PA-18S s/n all;
~			Control Assembly: Cabin Heat	PA-18S "105" (Special) s/n all;
~			Control Assembly: Carburetor Heat	PA-18S "105" (Special) s/n all;
~			Control Assembly: Mixture	PA-18S "105" (Special) s/n all;
~			Control Assembly: Cabin Heat	PA-18S "125" s/n all;
~			Control Assembly: Mixture	PA-18S "125" s/n all;
~			Control Assembly: Carburetor Heat	PA-18S "125" s/n all;
~			Control Assembly: Carburetor Heat	PA-18S "135" s/n all;
~			Control Assembly: Cabin Heat	PA-18S "135" s/n all;
~			Control Assembly: Mixture	PA-18S "135" s/n all;
~			Control Assembly: Cold Air Inlet	PA-18S "135"* s/n 18-2168 thru 18-7632 (PA-18-135 & PA-18-150);
~			Control Assembly: Carburetor Heat	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Cabin Heat	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Cold Air Inlet	PA-18S "150"* s/n 18-3771 thru 18-8309025 (PA-18-135 & PA-18-150);
~			Control Assembly: Mixture	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Control Assembly: Cabin Heat	PA-18S "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Carburetor Heat	PA-18S "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Mixture	PA-18S "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Cold Air Inlet	PA-18S "150"* s/n 1809001 thru 1809113;
~			Control Assembly: Carburetor Heat	PA-20 s/n all;
~			Control Assembly: Cabin Heat	PA-20 s/n all;

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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Mixture	PA-20 s/n all;
~			Control Assembly: Cold Air Inlet	PA-20* s/n 20-554 thru 20-99999;
~			Control Assembly: Cabin Heat: Rear	PA-20* s/n 20-812 thru 20-99999;
~			Control Assembly: Carburetor Heat	PA-20 "115" s/n all;
~			Control Assembly: Cabin Heat	PA-20 "115" s/n all;
~			Control Assembly: Mixture	PA-20 "115" s/n all;
~			Control Assembly: Cabin Heat	PA-20 "135" s/n all;
~			Control Assembly: Carburetor Heat	PA-20 "135" s/n all;
~			Control Assembly: Mixture	PA-20 "135" s/n all;
~			Control Assembly: Cold Air Inlet	PA-20 "135" s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-20 "135"* s/n 20-878 thru 20-880;
~			Control Assembly: Cabin Heat: Rear	PA-20 "135"* s/n 20-882 thru 20-884;
~			Control Assembly: Cabin Heat: Rear	PA-20 "135"* s/n 20-886 thru 20-887;
~			Control Assembly: Cabin Heat: Rear	PA-20 "135"* s/n 20-889 thru 20-99999;
~			Control Assembly: Cabin Heat	PA-20S s/n all;
~			Control Assembly: Carburetor Heat	PA-20S s/n all;
~			Control Assembly: Mixture	PA-20S s/n all;
~			Control Assembly: Cold Air Inlet	PA-20S* s/n 20-554 thru 20-99999;
~			Control Assembly: Cabin Heat: Rear	PA-20S* s/n 20-812 thru 20-99999;
~			Control Assembly: Carburetor Heat	PA-20S "115" s/n all;
~			Control Assembly: Mixture	PA-20S "115" s/n all;
~			Control Assembly: Cabin Heat	PA-20S "115" s/n all;

		McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006	
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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Mixture	PA-20S "135" s/n all;
~			Control Assembly: Cabin Heat	PA-20S "135" s/n all;
~			Control Assembly: Carburetor Heat	PA-20S "135" s/n all;
~			Control Assembly: Cold Air Inlet	PA-20S "135" s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-20S "135"* s/n 20-878 thru 20-880;
~			Control Assembly: Cabin Heat: Rear	PA-20S "135"* s/n 20-882 thru 20-884;
~			Control Assembly: Cabin Heat: Rear	PA-20S "135"* s/n 20-886 thru 20-887;
~			Control Assembly: Cabin Heat: Rear	PA-20S "135"* s/n 20-889 thru 20-99999;
~			Control Assembly: Carburetor Heat	PA-22 s/n all;
~			Control Assembly: Mixture	PA-22 s/n all;
~			Control Assembly: Cabin Heat	PA-22 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22 s/n all;
~			Control Assembly: Parking Brake	PA-22 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22-108 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22-108 s/n all;
~			Control Assembly: Carburetor Heat	PA-22-108 s/n all;
~			Control Assembly: Mixture	PA-22-108 s/n all;
~			Control Assembly: Cabin Heat	PA-22-108 s/n all;
~			Control Assembly: Parking Brake	PA-22-108 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22-108 s/n all;
~			Control Assembly: Cabin Heat	PA-22-135 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22-135 s/n all;

		McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006	
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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Mixture	PA-22-135 s/n all;
~			Control Assembly: Carburetor Heat	PA-22-135 s/n all;
~			Control Assembly: Parking Brake	PA-22-135 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22-135* s/n 22-540 thru 22-542;
~			Control Assembly: Cabin Heat: Rear	PA-22-135* s/n 22-544 thru 22-99999;
~			Control Assembly: Mixture	PA-22-150 s/n all;
~			Control Assembly: Carburetor Heat	PA-22-150 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22-150 s/n all;
~			Control Assembly: Parking Brake	PA-22-150 s/n all;
~			Control Assembly: Cabin Heat	PA-22-150 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22-150 s/n all;
~			Control Assembly: Cabin Heat	PA-22-160 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22-160 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22-160 s/n all;
~			Control Assembly: Mixture	PA-22-160 s/n all;
~			Control Assembly: Carburetor Heat	PA-22-160 s/n all;
~			Control Assembly: Parking Brake	PA-22-160 s/n all;
~			Control Assembly: Cabin Heat	PA-22S-135 s/n all;
~			Control Assembly: Cabin Heat: Rear	PA-22S-135 s/n all;
~			Control Assembly: Cold Air Inlet	PA-22S-135 s/n all;
~			Control Assembly: Mixture	PA-22S-135 s/n all;
~			Control Assembly: Carburetor Heat	PA-22S-135 s/n all;

			McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006		
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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Cabin Heat	PA-22S-150 s/n all;
~			Control Assembly:	PA-22S-150 s/n all;
~			Cabin Heat: Rear	
~			Control Assembly:	PA-22S-150 s/n all;
~			Cold Air Inlet	
~			Control Assembly:	PA-22S-150 s/n all;
~			Mixture	
~			Control Assembly:	PA-22S-150 s/n all;
~			Carburetor Heat	
~			Control Assembly:	PA-22S-150 s/n all;
~			Parking Brake	
~			Control Assembly:	PA-22S-160 s/n all;
~			Cabin Heat	
~			Control Assembly:	PA-22S-160 s/n all;
~			Cabin Heat: Rear	
~			Control Assembly:	PA-22S-160 s/n all;
~			Cold Air Inlet	
~			Control Assembly:	PA-22S-160 s/n all;
~			Mixture	
~			Control Assembly:	PA-22S-160 s/n all;
~			Carburetor Heat	
~			Control Assembly:	PA-22S-160 s/n all;
~			Parking Brake	
~			Control Assembly:	PA-24* s/n 24-1 thru 24-2174;
~			Defrost	
~			Control Assembly:	PA-24* s/n 24-1 thru 24-2174;
~			Cabin Heat	
~			Control Assembly:	PA-24* s/n 24-1 thru 24-2174;
~			Cold Air Inlet	
~			Control Assembly:	PA-24* s/n 24-1 thru 24-2174;
~			Parking Brake	
~			Control Assembly:	PA-24* s/n 24-1 thru 24-2969;
~			Mixture	
~			Control Assembly:	PA-24* s/n 24-2176 thru 24-2298;
~			Cold Air Inlet	
~			Control Assembly:	PA-24* s/n 24-2176 thru 24-2298;
~			Parking Brake	
~			Control Assembly:	PA-24-250* s/n 24-1 thru 24-2174;
~			Parking Brake	
~			Control Assembly:	PA-24-250* s/n 24-1 thru 24-2174;
~			Defrost	
~			Control Assembly:	PA-24-250* s/n 24-1 thru 24-2174;
~			Cold Air Inlet	

			McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006		
Title: Installation Eligibility; Miscellaneous Push-Pull Controls for Piper Aircraft					
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Drawing Number: 6513				REVISION ~	

Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC454-120	10765-002, 10765-003, 12955-000, 16755-000, 41481-015, 41481-016, 454-120	Control Assembly: Cabin Heat	PA-24-250* s/n 24-1 thru 24-2174;
~			Control Assembly: Mixture	PA-24-250* s/n 24-1 thru 24-2969;
~			Control Assembly: Parking Brake	PA-24-250* s/n 24-2176 thru 24-2298;
~			Control Assembly: Cold Air Inlet	PA-24-250* s/n 24-2176 thru 24-2298;

MC471-052	471-052	Knob: Cabin Heat (Ivory)	PA-18 s/n all;
~		Knob: Carburetor Heat (Ivory)	PA-18 s/n all;
~		Knob: Cabin Heat (Ivory)	PA-18 "105" (Special) s/n all;
~		Knob: Carburetor Heat (Ivory)	PA-18 "105" (Special) s/n all;
~		Knob: Carburetor Heat (Ivory)	PA-18 "125" (Army L-21A) s/n all;
~		Knob: Cabin Heat (Ivory)	PA-18 "125" (Army L-21A) s/n all;
~		Knob: Cabin Heat (Ivory)	PA-18 "135" (Army L-21B) s/n all;
~		Knob: Carburetor Heat (Ivory)	PA-18 "135" (Army L-21B) s/n all;
~		Knob: Cold Air Inlet (Ivory)	PA-18 "135" (Army L-21B)* s/n 18-2168 thru 18-7632;
~		Knob: Cabin Heat (Ivory)	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~		Knob: Carburetor Heat (Ivory)	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~		Knob: Cold Air Inlet (Ivory)	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~		Knob: Carburetor Heat (Ivory)	PA-18A s/n all;
~		Knob: Cabin Heat (Ivory)	PA-18A s/n all;
~		Knob: Cabin Heat (Ivory)	PA-18A "135" s/n all;
~		Knob: Carburetor Heat (Ivory)	PA-18A "135" s/n all;
~		Knob: Cold Air Inlet (Ivory)	PA-18A "135"* s/n 18-2168 thru 18-7632;
~		Knob: Cold Air Inlet (Ivory)	PA-18A "150" s/n all;

		McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006	
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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC471-052	471-052	Knob: Carburetor Heat (Ivory)	PA-18A "150" s/n all;
			Knob: Cabin Heat (Ivory)	PA-18A "150" s/n all;
			Knob: Cabin Heat (Ivory)	PA-18AS "125" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18AS "125" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18AS "135" s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-18AS "135"* s/n 18-2168 thru 18-7632;
~			Knob: Cold Air Inlet (Ivory)	PA-18AS "150" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18AS "150" s/n all;
			Knob: Cabin Heat (Ivory)	PA-18AS "150" s/n all;
			Knob: Cabin Heat (Ivory)	PA-18S s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18S s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18S "105" (Special) s/n all;
			Knob: Cabin Heat (Ivory)	PA-18S "105" (Special) s/n all;
			Knob: Cabin Heat (Ivory)	PA-18S "125" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18S "125" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-18S "135" s/n all;
			Knob: Cabin Heat (Ivory)	PA-18S "135" s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-18S "135"* s/n 18-2168 thru 18-7632;
			Knob: Cabin Heat (Ivory)	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Carburetor Heat (Ivory)	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Cold Air Inlet (Ivory)	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Carburetor Heat (Ivory)	PA-20 s/n all;
~			Knob: Cabin Heat (Ivory)	PA-20 s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-20* s/n 20-554 thru 20-99999;

			McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006		
Title: Installation Eligibility; Miscellaneous Push-Pull Controls for Piper Aircraft					
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Drawing Number: 6513				REVISION ~	

<u>Rev</u>	<u>Part Number</u>	<u>Replaces</u>	<u>Location</u>	<u>Model and Serial Number Range</u>
~	MC471-052	471-052	Knob: Cabin Heat: Rear (Ivory)	PA-20* s/n 20-812 thru 20-99999;
~			Knob: Carburetor Heat (Ivory)	PA-20 "115" s/n all;
~			Knob: Cabin Heat (Ivory)	PA-20 "115" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-20 "135" s/n all;
~			Knob: Cabin Heat: Front (Ivory)	PA-20 "135" s/n all;
~			Knob: Cabin Heat: Rear (Ivory)	PA-20 "135" s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-20 "135" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-20S s/n all;
~			Knob: Cabin Heat (Ivory)	PA-20S s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-20S* s/n 20-554 thru 20-99999;
~			Knob: Cabin Heat: Rear (Ivory)	PA-20S* s/n 20-812 thru 20-99999;
~			Knob: Carburetor Heat (Ivory)	PA-20S "115" s/n all;
~			Knob: Cabin Heat (Ivory)	PA-20S "115" s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-20S "135" s/n all;
~			Knob: Cabin Heat: Front (Ivory)	PA-20S "135" s/n all;
~			Knob: Cabin Heat: Rear (Ivory)	PA-20S "135" s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-20S "135" s/n all;
~			Knob: Cabin Heat (Ivory)	PA-22 s/n all;
~			Knob: Carburetor Heat (Ivory)	PA-22 s/n all;
~			Knob: Cold Air Inlet (Ivory)	PA-22 s/n all;
~			Knob: Parking Brake (Ivory)	PA-22 s/n all;
~			Knob: Cabin Heat Rear (Ivory)	PA-22 s/n all;
~			Knob: Cabin Heat (Ivory)	PA-22-135* s/n 22-534 thru 22-2377;
~			Knob: Carburetor Heat (Ivory)	PA-22-135* s/n 22-534 thru 22-2377;



McFarlane Aviation, Inc.
696 East 1700 Road
Baldwin City, Kansas 66006

Title:

**Installation Eligibility; Miscellaneous Push-Pull
Controls for Piper Aircraft**

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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC471-052	471-052	Knob: Cold Air Inlet (Ivory)	PA-22-135* s/n 22-534 thru 22-2377;
~			Knob: Parking Brake (Ivory)	PA-22-135* s/n 22-534 thru 22-2377;
~			Knob: Cabin Heat Rear (Ivory)	PA-22-135* s/n 22-540 thru 22-542;
~			Knob: Cabin Heat Rear (Ivory)	PA-22-135* s/n 22-544 thru 22-2377;
~			Knob: Cabin Heat Rear (Ivory)	PA-22-135* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22-135* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22-135* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22-135* s/n 22-2379 thru 22-2424;
~			Knob: Parking Brake (Ivory)	PA-22-135* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22-150* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22-150* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22-150* s/n 22-2379 thru 22-2424;
~			Knob: Parking Brake (Ivory)	PA-22-150* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22-160* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22-160* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22-160* s/n 22-2379 thru 22-2424;
~			Knob: Parking Brake (Ivory)	PA-22-160* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22S-135* s/n 22-534 thru 22-2377;
~			Knob: Carburetor Heat (Ivory)	PA-22S-135* s/n 22-534 thru 22-2377;
~			Knob: Cold Air Inlet (Ivory)	PA-22S-135* s/n 22-534 thru 22-2377;
~			Knob: Parking Brake (Ivory)	PA-22S-135* s/n 22-534 thru 22-2377;
~			Knob: Cabin Heat (Ivory)	PA-22S-135* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22S-135* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22S-135* s/n 22-2379 thru 22-2424;

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Rev	Part Number	Replaces	Location	Model and Serial Number Range
~	MC471-052	471-052	Knob: Parking Brake (Ivory)	PA-22S-135* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22S-150* s/n 22-2379 thru 22-2424;
~			Knob: Parking Brake (Ivory)	PA-22S-150* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22S-150* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22S-150* s/n 22-2379 thru 22-2424;
~			Knob: Carburetor Heat (Ivory)	PA-22S-160* s/n 22-2379 thru 22-2424;
~			Knob: Cold Air Inlet (Ivory)	PA-22S-160* s/n 22-2379 thru 22-2424;
~			Knob: Parking Brake (Ivory)	PA-22S-160* s/n 22-2379 thru 22-2424;
~			Knob: Cabin Heat (Ivory)	PA-22S-160* s/n 22-2379 thru 22-2424;

~	MC471-053	471-053	Knob: Mixture Control	PA-18 s/n all;
~			Knob: Mixture Control	PA-18 "105" (Special) s/n all;
~			Knob: Mixture Control	PA-18 "125" (Army L-21A) s/n all;
~			Knob: Mixture Control	PA-18 "135" (Army L-21B) s/n all;
~			Knob: Mixture Control	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Mixture Control	PA-18 "150"* s/n 1809001 thru 1809113;
~			Knob: Mixture Control	PA-18A s/n all;
~			Knob: Mixture Control	PA-18A "135" s/n all;
~			Knob: Mixture Control	PA-18A "150" s/n all;
~			Knob: Mixture Control	PA-18AS "125" s/n all;
~			Knob: Mixture Control	PA-18AS "135" s/n all;
~			Knob: Mixture Control	PA-18AS "150" s/n all;
~			Knob: Mixture Control	PA-18S s/n all;
~			Knob: Mixture Control	PA-18S "105" (Special) s/n all;
~			Knob: Mixture Control	PA-18S "125" s/n all;

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<u>Rev</u>	<u>Part Number</u>	<u>Replaces</u>	<u>Location</u>	<u>Model and Serial Number Range</u>
~	MC471-053	471-053	Knob: Mixture Control	PA-18S "135" s/n all;
~			Knob: Mixture Control	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Mixture Control	PA-18S "150"* s/n 1809001 thru 1809113;
			Knob: Mixture Control	PA-20 s/n all;
			Knob: Mixture Control	PA-20 "115" s/n all;
			Knob: Mixture Control	PA-20 "135" s/n all;
			Knob: Mixture Control	PA-20S s/n all;
			Knob: Mixture Control	PA-20S "115" s/n all;
			Knob: Mixture Control	PA-20S "135" s/n all;
~			Knob: Mixture Control	PA-22 s/n all;
~			Knob: Mixture Control	PA-22-108 s/n all;
~			Knob: Mixture Control	PA-22-135 s/n all;
~			Knob: Mixture Control	PA-22-150 s/n all;
~			Knob: Mixture Control	PA-22-160 s/n all;
~			Knob: Mixture Control	PA-22S-135 s/n all;
~			Knob: Mixture Control	PA-22S-150 s/n all;
~			Knob: Mixture Control	PA-22S-160 s/n all;
~	MC471-060	471-060	Knob: Cold Air (Black)	PA-18 "135" (Army L-21B)* s/n 18-2168 thru 18-7632;
~			Knob: Cold Air (Black)	PA-18 "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Carburetor Heat (Black)	PA-18 "150"* s/n 1809001 thru 1809113;
			Knob: Cabin Heat (Black)	PA-18 "150"* s/n 1809001 thru 1809113;
~			Knob: Cold Air (Black)	PA-18A "135"* s/n 18-2168 thru 18-7632;
~			Knob: Cold Air (Black)	PA-18A "150" s/n all;
~			Knob: Cold Air (Black)	PA-18AS "135"* s/n 18-2168 thru 18-7632;



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~	MC471-060	471-060	Knob: Cold Air (Black)	PA-18AS "150" s/n all;
~			Knob: Cold Air Inlet (Black)	PA-18S "135"* s/n 18-2168 thru 18-7632;
~			Knob: Cold Air Inlet (Black)	PA-18S "150"* s/n 18-3771 thru 18-8309025;
~			Knob: Carburetor Heat (Black)	PA-18S "150"* s/n 1809001 thru 1809113;
~			Knob: Cabin Heat (Black)	PA-18S "150"* s/n 1809001 thru 1809113;
~			Knob: Cabin Heat (Rear)	PA-22-108 s/n all;
~			Knob: Carburetor Heat Control	PA-22-108 s/n all;
~			Knob: Cabin Heat (Black)	PA-22-108 s/n all;
~			Knob: Cold Air (Black)	PA-22-108 s/n all;
~			Knob: Cabin Vent (Black)	PA-22-108 s/n all;
~			Knob: Carburetor Heat (Black)	PA-22-135* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Black)	PA-22-135* s/n 22-2378 thru 22-2378;
~			Knob: Cold Air Inlet (Black)	PA-22-135* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Vent (Black)	PA-22-135* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22-135* s/n 22-2378 thru 22-2378;
~			Knob: Carburetor Heat (Black)	PA-22-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Black)	PA-22-135* s/n 22-2425 thru 22-99999;
~			Knob: Cold Air Inlet (Black)	PA-22-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Black)	PA-22-150* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22-150* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Vent (Black)	PA-22-150* s/n 22-2378 thru 22-2378;
~			Knob: Carburetor Heat (Black)	PA-22-150* s/n 22-2378 thru 22-2378;

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~	MC471-060	471-060	Knob: Cold Air Inlet (Black)	PA-22-150* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22-150* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22-150* s/n 22-2425 thru 22-5138;
~			Knob: Cabin Heat (Black)	PA-22-150* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22-150* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22-150* s/n 22-2425 thru 22-99999;
~			Knob: Carburetor Heat (Black)	PA-22-150* s/n 22-2425 thru 22-99999;
~			Knob: Cold Air Inlet (Black)	PA-22-150* s/n 22-2425 thru 22-99999;
~			Knob: Parking Brake (Black)	PA-22-150* s/n 22-5140 thru 22-5602;
~			Knob: Cabin Heat (Black)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Vent (Black)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Carburetor Heat (Black)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Cold Air Inlet (Black)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22-160* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22-160* s/n 22-2425 thru 22-5138;
~			Knob: Cabin Heat (Black)	PA-22-160* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22-160* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22-160* s/n 22-2425 thru 22-99999;
~			Knob: Carburetor Heat (Black)	PA-22-160* s/n 22-2425 thru 22-99999;
~			Knob: Cold Air Inlet (Black)	PA-22-160* s/n 22-2425 thru 22-99999;
~			Knob: Parking Brake (Black)	PA-22-160* s/n 22-5140 thru 22-5602;
~			Knob: Cabin Heat (Black)	PA-22S-135* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22S-135* s/n 22-2378 thru 22-2378;

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~	MC471-060	471-060	Knob: Cabin Vent (Black)	PA-22S-135* s/n 22-2378 thru 22-2378;
~			Knob: Carburetor Heat (Black)	PA-22S-135* s/n 22-2378 thru 22-2378;
~			Knob: Cold Air Inlet (Black)	PA-22S-135* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Black)	PA-22S-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22S-135* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22S-135* s/n 22-2425 thru 22-99999;
~			Knob: Carburetor Heat (Black)	PA-22S-135* s/n 22-2425 thru 22-99999;
~			Knob: Cold Air Inlet (Black)	PA-22S-135* s/n 22-2425 thru 22-99999;
~			Knob: Parking Brake (Black)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Black)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Vent (Black)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Carburetor Heat (Black)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Cold Air Inlet (Black)	PA-22S-150* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22S-150* s/n 22-2425 thru 22-5138;
~			Knob: Cold Air Inlet (Black)	PA-22S-150* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Black)	PA-22S-150* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22S-150* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22S-150* s/n 22-2425 thru 22-99999;
~			Knob: Carburetor Heat (Black)	PA-22S-150* s/n 22-2425 thru 22-99999;
~			Knob: Parking Brake (Black)	PA-22S-150* s/n 22-5140 thru 22-5602;
~			Knob: Cabin Heat (Black)	PA-22S-160* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Heat (Rear)	PA-22S-160* s/n 22-2378 thru 22-2378;
~			Knob: Cabin Vent (Black)	PA-22S-160* s/n 22-2378 thru 22-2378;



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~	MC471-060	471-060	Knob: Carburetor Heat (Black)	PA-22S-160* s/n 22-2378 thru 22-2378;
~			Knob: Cold Air Inlet (Black)	PA-22S-160* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22S-160* s/n 22-2378 thru 22-2378;
~			Knob: Parking Brake (Black)	PA-22S-160* s/n 22-2425 thru 22-5138;
~			Knob: Cabin Heat (Black)	PA-22S-160* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Heat (Rear)	PA-22S-160* s/n 22-2425 thru 22-99999;
~			Knob: Cabin Vent (Black)	PA-22S-160* s/n 22-2425 thru 22-99999;
~			Knob: Carburetor Heat (Black)	PA-22S-160* s/n 22-2425 thru 22-99999;
~			Knob: Cold Air Inlet (Black)	PA-22S-160* s/n 22-2425 thru 22-99999;
~			Knob: Parking Brake (Black)	PA-22S-160* s/n 22-5140 thru 22-5602;
~			Knob: Carburetor Heat (Black)	PA-25-235* s/n 25-2000 thru 25-8156024;
~			Knob: Carburetor Heat (Black)	PA-25-260* s/n 25-4415 thru 25-8156024;
~	MC471-084	471-084	Knob: Carburetor Heat	PA-28-150* s/n 28-1761 thru 28-2627;
~			Knob: Carburetor Heat	PA-28-160* s/n 28-1761 thru 28-2627;
~			Knob: Carburetor Heat	PA-28-180* s/n 28-1761 thru 28-2627;
~			Knob: Carburetor Heat	PA-28-235* s/n 28-10003 thru 28-10675;
~	MC553-874	553-874	Control Assembly: Carburetor Heat	PA-32-301T s/n all;
~	MC553-885	553-885	Control Assembly: Alternate Air	PA-32R-301T* s/n 32R-8029001 thru 32R-8629008;
~			Control Assembly: Alternate Air	PA-32R-301T* s/n 3229001 thru 3229003;
~	MC554-051	554-051	Control Assembly: Alternate Air	PA-32-300* s/n 32-40566 thru 32-7940290;
~			Control Assembly: Alternate Air	PA-32-301* s/n 32-8006002 thru 32-8606023;
~			Control Assembly: Alternate Air	PA-32-301* s/n 3206001 thru 3206060;

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~	MC554-051	554-051	Control Assembly: Alternate Air	PA-32-301FT s/n all;
~			Control Assembly: Alternate Air	PA-32R-300 s/n all;
~			Control Assembly: Alternate Air	PA-32R-301* s/n 32R-8013001 thru 32R-8613006;
~			Control Assembly: Alternate Air	PA-32R-301* s/n 3213001 thru 3213103;
~			Control Assembly: Alternate Air	PA-32RT-300 s/n all;
~			Control Assembly: Alternate Air	PA-32S-300* s/n 32S-40566 thru 32S-7240137;
~	MC554-053	554-053, 66856-005	Control Assembly: Carburetor Heat	PA-32-260* s/n 32-1111 thru 32-7800008;
~	MC554-092	554-092, 66836-02	Control Assembly: Alternate Air	PA-28R-180* s/n 28R-31093 thru 28R-31279;
~			Control Assembly: Alternate Air	PA-28R-200* s/n 28R-35226 thru 28R-35830;
~	MC554-093	554-093, 66836-003	Control Assembly: Carburetor Heat	PA-28-140* s/n 28-25822 thru 28-7425418;
~			Control Assembly: Carburetor Heat	PA-28-151 s/n all;
~			Control Assembly: Carburetor Heat	PA-28-161* s/n 28-7716001 thru 28-8616057;
~			Control Assembly: Carburetor Heat	PA-28-161* s/n 2816001 thru 2816119;
~			Control Assembly: Carburetor Heat	PA-28-161* s/n 2841001 thru 2841365;
~			Control Assembly: Carburetor Heat	PA-28-161* s/n 2842001 thru 2842999;
~	MC554-094	554-094, 66386-004	Control Assembly: Carburetor Heat	PA-28-140* s/n 28-7425419 thru 28-7725290;
~			Control Assembly: Carburetor Heat	PA-28-181* s/n 2890206 thru 2890231;
~			Control Assembly: Carburetor Heat	PA-28-181* s/n 2843001 thru 2843999;
~			Control Assembly: Carburetor Heat	PA-28-235* s/n 28-11253 thru 28-7210033;
~			Control Assembly: Carburetor Heat	PA-28-235* s/n 28-7310001 thru 28-7710089;
~			Control Assembly: Carburetor Heat	PA-28-236* s/n 28-7911001 thru 28-8611008;
~			Control Assembly: Carburetor Heat	PA-28-236* s/n 2811001 thru 2811050;

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~	MC554-095	554-095, 66836-005	Control Assembly: Carburetor Heat	PA-28-180* s/n 28-5399 thru 28-7505260;
~			Control Assembly: Carburetor Heat	PA-28-181* s/n 28-7690001 thru 28-8690062;
~			Control Assembly: Carburetor Heat	PA-28-181* s/n 2890001 thru 2890205;
~			Control Assembly: Carburetor Heat	PA-28S-180* s/n 28-5399 thru 28-7205234;
~	MC554-130	554-130	Control Assembly: Alternate Air	PA-28R-180* s/n 28R-7130001 thru 28R-7130013;
~			Control Assembly: Alternate Air	PA-28R-200* s/n 28R-7135001 thru 28R-7635545;
~			Control Assembly: Alternate Air	PA-28R-201* s/n 28R-7737002 thru 28R-7837317;
~			Control Assembly: Alternate Air	PA-28R-201* s/n 2837001 thru 2837061;
~			Control Assembly: Alternate Air	PA-28R-201* s/n 2844001 thru 2844999;
~			Control Assembly: Alternate Air	PA-28RT-201 s/n all;
~	MC554-167	554-167, 66856-019, 760-387	Control Assembly: Carburetor Heat	PA-28-140* s/n 28-25000 thru 28-25821;
~	MC554-387	554-387	Control Assembly: Alternate Air	PA-28-201T s/n all;
~			Control Assembly: Carburetor Heat	PA-28R-201T* s/n 28R-7703001 thru 28R-7803373;
~			Control Assembly: Carburetor Heat	PA-28R-201T* s/n 2803001 thru 2803012;
~			Control Assembly: Alternate Air	PA-28RT-201T* s/n 28R-7931001 thru 28R-8631005;
~			Control Assembly: Alternate Air	PA-28RT-201T* s/n 2831001 thru 2831038;
~	MC554-466	554-466, 66856-032	Control Assembly: Alternate Air	PA-32RT-300T s/n all;
~	MC554-511	554-511, 77907-05	Control Assembly: Carburetor Heat	PA-38-112 s/n all;
~	MC571-131	571-131, 65617-000	Knob: Defrost	PA-28-140* s/n 28-21096 thru 28-24999;
~			Knob: Cabin Heat	PA-28-140* s/n 28-21096 thru 28-24999;
~			Knob: Cold Air Inlet	PA-28-140* s/n 28-21096 thru 28-24999;
~			Knob: Cabin Heat	PA-28-150* s/n 28-2628 thru 28-4377;
~			Knob: Carburetor Heat	PA-28-150* s/n 28-2628 thru 28-4377;
~			Knob: Defrost	PA-28-150* s/n 28-2628 thru 28-4377;
~			Knob: Defrost	PA-28-160* s/n 28-2628 thru 28-4377;

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<u>Rev</u>	<u>Part Number</u>	<u>Replaces</u>	<u>Location</u>	<u>Model and Serial Number Range</u>
~	MC571-131	571-131, 65617-000	Knob: Carburetor Heat	PA-28-160* s/n 28-2628 thru 28-4377;
~			Knob: Cabin Heat	PA-28-160* s/n 28-2628 thru 28-4377;
~			Knob: Cabin Heat	PA-28-180* s/n 28-2628 thru 28-4277;
~			Knob: Carburetor Heat	PA-28-180* s/n 28-2628 thru 28-4377;
~			Knob: Defrost	PA-28-180* s/n 28-2628 thru 28-4377;
~			Knob: Defrost	PA-28-235* s/n 28-10676 thru 28-11039;
~			Knob: Cabin Heat	PA-28-235* s/n 28-10676 thru 28-11039;
~			Knob: Carburetor Heat	PA-28-235* s/n 28-10676 thru 28-11039;
~			Knob: Carburetor Heat	PA-32-260* s/n 32-1 thru 32-1110;
~			Knob: Alternate Air	PA-32-300* s/n 32-40000 thru 32-40565;
~			Knob: Alternate Air	PA-32S-300* s/n 32S-15 thru 32S-40565;
~	MC63902-003	63902-003	Control Assembly: Carburetor Heat	PA-28-140* s/n 28-20002 thru 28-21095;
~			Control Assembly: Carburetor Heat	PA-28-150* s/n 28-1 thru 28-2627;
~			Control Assembly: Carburetor Heat	PA-28-160* s/n 28-1 thru 28-2627;
~			Control Assembly: Carburetor Heat	PA-28-180* s/n 28-671 thru 28-2627;
~			Control Assembly: Carburetor Heat	PA-28S-160 s/n all;
~			Control Assembly: Carburetor Heat	PA-28S-180* s/n 28-671 thru 28-2627;
~	MC63902-016	63902-016	Control Assembly: Carburetor Heat	PA-28-140* s/n 28-21096 thru 28-24999;
~			Control Assembly: Carburetor Heat	PA-28-150* s/n 28-2628 thru 28-4377;
~			Control Assembly: Carburetor Heat	PA-28-160* s/n 28-2628 thru 28-4377;
~			Control Assembly: Carburetor Heat	PA-28-180* s/n 28-2628 thru 28-4377;
~			Control Assembly: Carburetor Heat	PA-28S-180* s/n 28-2628 thru 28-4377;
~	MC63902-021	63902-021	Control Assembly: Carburetor Heat	PA-32-260* s/n 32-451 thru 32-1110;
~	MC653-658	653-658	Control Assembly: Alternate Air	PA-32R-301* s/n 3246001 thru 3246999;
~			Control Assembly: Alternate Air	PA-32R-301T* s/n 3257001 thru 3257999;
~	MC66856-007	66856-007	Control Assembly: Carburetor Heat	PA-28-180* s/n 28-4378 thru 28-5398;

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Size: A	Scale: NA	Drawn: Fred McClenahan	Sheet: 20	of 21	
Drawing Number: 6513				REVISION ~	

<u>Rev</u>	<u>Part Number</u>	<u>Replaces</u>	<u>Location</u>	<u>Model and Serial Number Range</u>
~	MC66856-007	66856-007	Control Assembly: Carburetor Heat	PA-28-235* s/n 28-11040 thru 28-11252;
~			Control Assembly: Carburetor Heat	PA-28S-180* s/n 28-4378 thru 28-5398;

* Denotes partial model eligibility
"MC" prefix denotes McFarlane Aviation, Inc. manufacture

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