



FIGURE 16A - AIR INDUCTION & EXHAUST SYSTEM
Used On Planes Equipped With Lycoming Engine

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE	
1	2055	146-42206-2	Inlet	Duct	-	Carburetor Air Induction	- - - - -	1	Model B	
2		AN520-10R8	Screw	-	Round Head Machine (Fine Thread)	- - - - -	2			
3		AN3-4A	Bolt	-	Aircraft 10-32	- - - - -	2			
4		AN365-1032	Nut	-	Self Locking	- - - - -	2			
5	2056	146-42206-6	Shaft	Assy	-	Carburetor Air Selector	- - - - -	1	Model B	
6		AN960D416L	Washer	-	Plain	- - - - -	4			
7		AN960-416	Washer	-	Plain	- - - - -	1			
8		AN310-428	Nut	-	Aircraft Castle	- - - - -	1			
9		AN380-2-3	Pin	-	Cotter	- - - - -	1			
10	2057	146-42206-38	Door	-	Carburetor Air Selector	- - - - -	1	Model B		
11		AN500A8-7	Screw	-	Phillister Head (Coarse Thread)	- - - - -	3			
12	2058	146-42103	Filter	Assy	-	Carburetor Air Cleanable	- - - - -	1	Model B	
13	2059	146-42206-4	Retainer	Assy	-	Carburetor Air Filter	- - - - -	1	Model B	
14		AN520-10R12	Screw	-	Round Head Machine (Fine Thread)	- - - - -	2			
15	2060	146-42207	Duct	-	Carburetor Air Induction Flexible	- - - - -	2	Model B		
16	9520	820-18	Clamp	-	(Marsman)	- - - - -	2			
17	2061	146-42206-14	Duct	Assy	-	Carburetor Air Induction Heated Air	- - - - -	1	Model B	
18	2062	146-42206-71	Screen	-	Carburetor Air Induction Duct	- - - - -	1	Model B		
19		AN515-6R6	Screw	-	Round Head Machine (Coarse Thread)	- - - - -	2			
20		AN960-6	Washer	-	Plain	- - - - -	2			
21		AN365-632	Nut	-	Self Locking	- - - - -	2			
22	2063	146-42209	Box	Assy	-	Carburetor Air Induction Air	- - - - -	1	Model B	
23		NAS183-4-9	Stud	-	Coarse Thread 1/4-28	- - - - -	4			
24		AN310-4	Nut	-	Aircraft Castle	- - - - -	4			
25	2064	146-42209-3	Riser	Assy	-	Carburetor Air Induction Air Box	- - - - -	1	Model B	
26	2065	146-42209-9	Body	Assy	-	Carburetor Air Induction Air Box	- - - - -	1	Model B	
27		AN3-4A	Bolt	-	Aircraft 10-32	- - - - -	3			
28	2066	146-42118 SA 3	Collector	& Shroud	Assy	-	Engine Exhaust LH	- - - - -	1	Model B
29	2067	146-42119 SA 2	Collector	& Shroud	Assy	-	Engine Exhaust RH	- - - - -	1	Model B
30	2074	146-42128	Arm	-	Engine Exhaust Collector Stabilizer	LH	- - - - -	1	Model B	
31	2075	146-42129	Arm	Assy	-	Engine Exhaust Collector Stabilizer	RH	- - - - -	1	Model B
32		AN4-5A	Bolt	-	Aircraft 1/4-28	- - - - -	2			
33		AN960-416	Washer	-	Plain	- - - - -	2			
34		AN363-428	Nut	-	Self Locking (High Temperature)	- - - - -	2			
35	2076	146-42130	Clip	-	Engine Exhaust Collector Stabilizer	Arm	- - - - -	1	Model B	
36		AN960-516	Washer	-	Plain	- - - - -	1			
37		AN363-524	Nut	-	Self Locking (High Temperature)	- - - - -	1			
38	2068	146-42118 SA 2	Collector	Assy	-	Engine Exhaust (Welded)	LH	- - - - -	1	Model B
39	2069	146-42119 SA 1	Collector	Assy	-	Engine Exhaust (Welded)	RH	- - - - -	1	Model B
40	9600-1		Stud	-	(Furnished With Lycoming Engine)	- - - - -	6			
41	9600-2		Gasket	-	(Furnished With Lycoming Engine)	- - - - -	3			
42	9600-3		Nut	-	(Furnished With Lycoming Engine)	- - - - -	6			
43	2070	146-42120-3	Shroud	Assy	-	Engine Exhaust Collector Outer	LH	- - - - -	1	Model B
44	2071	146-42120-5	Shroud	Assy	-	Engine Exhaust Collector Inner	LH	- - - - -	1	Model B
45	2072	146-42121	Shroud	Assy	-	Engine Exhaust Collector	RH	- - - - -	1	Model B
46	9463	QS-200M-84S	Clamp	-	(Aero Seal)	- - - - -	3			
47		QS-200M-84S	Clamp	-	(Aero Seal)	- - - - -	2			
48		AN520-10R8	Screw	-	Round Head Machine (Fine Thread)	(LH Only)	- - - - -	2		
49		AN960-10	Washer	-	Plain	- - - - -	2			
50		AN363-1032	Nut	-	Self Locking (High Temperature)	(LH Only)	- - - - -	2		
51	2073	146-42124-3	Tube	-	Engine Exhaust Collector Shroud	Drain (LH Only)	- - - - -	1	Model B	
52		AN748-34	Clamp	-	Hose	- - - - -	1			
53		AN931-16-22	Grommet	-	Elastic	- - - - -	1			
54	2077	146-42123-1	Tail Pipe	Assy	-	Engine Exhaust LH	- - - - -	1	Model B	
55	2078	146-42123-2	Tail Pipe	Assy	-	Engine Exhaust RH	- - - - -	1	Model B	
56	2079	146-42126	Support	-	Engine Exhaust Tail Pipe	Aft	- - - - -	1	Model B	
57	2080	145-42118-43	Plate	-	Engine Exhaust Tail Pipe	Aft Support	- - - - -	1		
58		AN4-5A	Bolt	-	Aircraft 1/4-28	- - - - -	2			
59		AN363-428	Nut	-	Self Locking (High Temperature)	- - - - -	2			
60		AN383-11	Pin	-	Flat Head 3/16	- - - - -	1			
61		AN960-10	Washer	-	Plain	- - - - -	1			
62		AN380-2-2	Pin	-	Cotter	- - - - -	1			
63	2081	145-42128-700	Shroud	Assy	-	Engine Exhaust Tail Pipe	LH	- - - - -	1	Model B
64	2082	145-42128-800	Shroud	Assy	-	Engine Exhaust Tail Pipe	RH	- - - - -	1	Model B
65	2083	145-42128-16	Seal	-	Engine Exhaust Tail Pipe	Shroud Bulkhead	- - - - -	1	Model B	
66	2084	145-42128-13	Plate	-	Engine Exhaust Tail Pipe	Shroud Seal LH	- - - - -	1	Model B	
67	2085	145-42128-12	Plate	-	Engine Exhaust Tail Pipe	Shroud Seal RH	- - - - -	1	Model B	
68	2086	145-42128-700 SA 2	Support	Assy	-	Engine Exhaust Tail Pipe	Shroud LH	- - - - -	1	Model B
69	2087	145-42128-800 SA 2	Support	Assy	-	Engine Exhaust Tail Pipe	Shroud RH	- - - - -	1	Model B
70		AN3-4	Bolt	-	Aircraft 10-32	- - - - -	9			
71		AN960-10	Washer	-	Plain	- - - - -	9			
72		AN4-4	Bolt	-	Aircraft 1/4-28	- - - - -	2			
		AN960D416L	Washer	-	Plain	- - - - -	2			
		AN364-428	Nut	-	Self Locking (Thin)	- - - - -	2			