



FIGURE 15 - AIR INDUCTION AND EXHAUST SYSTEMS
Used on Serial Numbered Planes 2 to 1789

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	2000	145-42201-71					Scoop Assy - Carburetor Air Induction	1	
2		AN3-3A					Bolt - Aircraft 10-32	2	
3		AN365-1032					Nut - Self Locking	2	
4	2001	143-42103					Filter Assy - Carburetor Air Cleanable	1	451-1789
5	2002	145-42201-72					Retainer Assy - Filter	1	
6	8437	784-10-7					Screw	4	
7		AN960-10L					Washer - Plain	4	
	2003	145-42201-8A/1					Body Assy - Air Valve	1	
8	2004	145-42201-45					Body - Carburetor Air Scoop	1	
9	2005	145-42201-46					Gate Assy - Carburetor Air Scoop	1	
10	2006	145-42201-41					Lever Assy - Carburetor Air Scoop	1	
11	8523	2W1020-32-50					Washer - Plain	1	
12	8437	784-10-7					Screw	4	
13		AN365-1032					Nut - Self Locking	4	
14	2007	145-42201-15					Ring - Carburetor Air Scoop	1	
15	2008	145-42201-16					Ring - Carburetor Air Scoop	1	
16	8436	784-10-6					Screw	3	
17		AN365-1032					Nut - Self Locking	3	
18	2009	145-42222					Riser Assy - Carburetor Air Duct	1	
19	2010	145-42211					Cap Screw - Carburetor Air Box Attaching	4	
20	2011	145-42202					Hose - Exhaust Manifold to Air Mixing Chamber	2	
21	9078	A3122-34-59					Clamp - Hose	2	2-1270
		AN748-74					Clamp - Hose	2	1271 & Subs
22	2012	145-42101-59					Shroud Assy - Inboard Left and Right	2	2-450
	2012-10	145-42116					Shroud Assy - Inboard Left and Right	2	451-1789
23	2013	145-42101-60					Shroud Assy - Outboard Left and Right	2	2-450
	2013-10	145-42115					Shroud Assy - Outboard Left and Right	2	451-1789
24		AN3-4					Bolt - Aircraft 10-32	8	
25		AN365-1032					Nut - Self Locking	8	
26	2014	145-42101-55					Seal Assy - Exhaust Shroud LH	1	2-450
	2014-10	145-42108					Seal Assy - Exhaust Shroud LH (Includes Collar)	1	451-1789
	2015	145-42101-56					Seal Assy - Exhaust Shroud RH	1	2-450
	2015-10	145-42107					Seal Assy - Exhaust Shroud RH (Includes Collar)	1	451-1789
27		NAS221-8					Screw	4	
28		AN365-1032					Nut - Self Locking	4	
29	2016	145-42101-15					Collar - Exhaust Shroud	2	2-450
	2016-10	145-42106					Collar - Exhaust Shroud	2	451-1789
30	2017	145-42102					Spring - Exhaust Shroud	4	
31		AN3-21A					Bolt - Aircraft 10-32	2	
32		AN365-1032					Nut - Self Locking	2	
33	2018	145-42101-67					Collector Assy - Engine Exhaust LH & RH	2	2-450
	2018-10	145-42105					Collector Assy - Engine Exhaust LH & RH	2	451-1789
34	2019	145-42111					Rod - Exhaust Stack Support	1	2-450
	2019-10	145-42310					Rod - Exhaust Stack Support	1	451-1789
35	2020	145-42112					Clip	1	
36		AN4-5A					Bolt - Aircraft 1/4-28	1	
37		AN365-428					Nut - Self Locking	1	
38		AN4-32A					Bolt - Aircraft 1/4-28	1	
39		AN363B524					Nut - Self Locking	6	
40	9100-1	20990					Stud (Continental)	6	
41	9100-2	22022					Nut (Continental)	6	
42	9100-3	21493					Gasket (Continental)	3	
43	2021	145-42113					Tube Assy - Exhaust Collector Center	1	451-1789
44	2022	145-42101-51					Exhaust Stack LH	1	2-450
	2022-10	145-42114-1					Exhaust Stack LH	1	451-1789
	2023	145-42101-52					Exhaust Stack RH	1	2-450
	2023-10	145-42114-2					Exhaust Stack RH	1	451-1789
45	2024	145-42104					Clamp	1	2-450
46		AN4-13A					Bolt - Aircraft 1/4-28	1	2-450
		AN4-14A					Bolt - Aircraft 1/4-28	2	451-1789
47		AN363-428					Nut - Self Locking	1	2-450
		AN363C428					Nut - Self Locking	2	451-1789