

SERVICES—FUEL SYSTEM IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Plate No.
		1	2	3	4	5				
	E.206680-1	FUEL SYSTEM IN WINGS, ASSEMBLY					—	—	—	
—	—	Cables, electrical (See cable chart)	...	...	...	...	—	—	—
1136	A.186450	Clamp, pipe connection, group	...	...	...	...	4	—	C.	NC.1
2723	F.184931	Bolt, eye	...	...	...	...	1	S.94.B	C.	
6526	F.213079	Nut, special	...	...	...	...	1	S.95	C.	
2724	F.185592	Washer, ...	...	...	...	...	1	DTD.364	C.	
4992	F.200275	Clamp, pipe connection, group	...	...	...	...	2	—	C.	NC.1
2723	F.184931	Bolt, eye	...	...	...	...	1	S.94	C.	
6526	F.213079	Nut, special	...	...	...	...	1	S.95	C.	
2724	F.185592	Washer	...	...	...	...	1	DTD.364	C.	
421	A.185593	Clamp, pipe connection, group	...	...	...	...	4	—	C.	
2723	F.184931	Bolt, eye	...	...	...	...	1	S.94.B	C.	
2724	F.185592	Washer	...	...	...	...	1	DTD.364	C.	
5059	A.186451	Clamp, pipe connection, group	...	...	...	...	4	—	C.	
2723	F.184931	Bolt, eye	...	...	...	...	1	S.94.B	C.	
2724	F.185592	Washer	...	...	...	...	1	DTD.364	C.	
5414	Std.851/68	Clip, support, for vent pipe at rib "G"	...	...	...	...	2	DTD.610	C.	4
	Std.851/30	Clip, support, for vent pipe at rib No. 2	...	...	...	...	2	DTD.610		
4165	Std.850/35	Clip, support, for earthing connector	...	...	...	...	2	DTD.610	C.	4
27F/2352	Flight Refuelling FRS.132.F.	Connector	...	...	...	...	2	—	B.	
4105	Std.1285.8.C.C.	Connector, earth, at rib "A"	...	...	...	...	2	—	C.	4
4993	F.205032	Packing, for vent pipe clip "G" A.T RIB...	...	...	...	...	2	LFS.21	C.	
4994	Std.1939/1	Packing, for vent pipe clip at rib No. 2	...	...	...	...	2	LFS.21	C.	
6987	A.207209/4	Pipe, air, inboard tank to connection	...	...	...	...	2	DTD.253	C.	NC.1
4996	B.198928/2	Pipe, connection to connection, port	...	...	...	...	1	DTD.253	C.	NC.1
4997	B.198928/3	Pipe, air, connection to connection, starboard	...	...	...	...	1	DTD.253	C.	NC.1
5000	B.198928/6	Pipe, fuel, transfer, connection to tank, port	...	...	...	...	1	DTD.253	C.	NC.1
5001	B.198928/7	Pipe, fuel, transfer, connection to tank, starboard	...	...	...	...	1	DTD.253	C.	NC.1
7902	A.206783	Pipe, fuel, inboard to outboard pylon, port	...	...	...	...	1	BSS.265	C.	NC.1
7903	A.206784	Pipe, fuel, inboard to outboard pylon, starboard	...	...	...	...	1	BSS.265	C.	NC.1
7898	C.206676	Pipe, fuel, by-pass valve to connection, port	...	...	...	...	1	DTD.253	C.	NC.1
7899	C.206677	Pipe, fuel, by-pass valve to connection, starboard	...	...	...	...	1	DTD.253	C.	NC.1
7900	C.206678	Pipe, air, Flight Refuelling coupling to connection, part	...	...	...	...	1	DTD.253	C.	NC.1
7901	C.206679	Pipe, air, Flight Refuelling coupling to connection, starboard	...	...	...	...	1	DTD.253	C.	NC.1
7892	B.206682	Pipe, fuel, between pylons	...	...	...	...	2	DTD.253	C.	NC.1
7893	B.206683	Pipe, air, between pylons	...	...	...	...	2	DTD.253	C.	NC.1
7894	C.206684	Pipe, fuel, outboard by-pass valve to connection, port	...	...	...	...	1	DTD.253	C.	NC.1
7895	C.206685	Pipe, fuel, outboard by-pass valve to connection, starboard	...	...	...	...	1	DTD.953	C.	NC.1
7896	C.206686	Pipe, air, outboard, by-pass valve to connection, port	...	...	...	...	1	DTD.253	C.	NC.1
7897	C.206687	Pipe, air, outboard by-pass valve to connection, starboard	...	...	...	...	1	DTD.253	C.	NC.1
5004	Dowty GD.1309/16	Ring, sealing, at suction relief valve	...	...	...	...	2	—	C.	
27QA/376	Dowty GD.1309/25	Ring, sealing, at transfer pipe couplings	4	—	C.	
3948										
91QA/371										

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Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
3945	Dowty	Ring, sealing, at fuel pipe connections	10	—	C.	NC.1
27QA/361	GD.1308/2					
8010	Dowty	Ring, sealing, at fuel pipe connection outboard by-pass valve	2	—	C.	
27QA/380	GD.1309/23					
5180	Dowty	Ring, sealing, at air pipe connections	4	—	C.	
27QA/379	GD.1309/21					
5006	Std.1703/7C	Screw, special, for suction relief valve ...	4	S.95.B	C.	5
7906	A.206273	Support, ^{AT RIB} for fuel and air pipes between pylons	4	LFS.21	C.	NC.1
7907	A.206274	Support, ^{AT RIB} for fuel and air pipes between ^{IN LIEU RIBS} by-pass valves	4	LFS.21	C.	NC.1
7908	A.206275	Support, ^{AT RIB} for fuel and air pipes between ^{IN LIEU PYLONS} by-pass valves	4	LFS.21	C.	NC.1
		TANK, INSTALLATION, ASSEMBLY ...	—	—		
5023	E.206941-2	Adaptor, union, for air pipe	2	L.56	C.	NC.1
6777	F.202080	Bolt, special at transfer duct connection (AS.770/45)	12	S.95.B	C.	NC.1
7066	F.210001	Bolt, special, for tank interconnection ...	36	S.95.B	C.	NC.1
6A/4315	Smiths JM.14	Box, terminal	2	—	B.	
6A/4316	Smiths JU.6	Box, terminal	8	—	B.	
	Std.843/38	Clip, support, for air pipe in No. 1 tank	2	—		4
5025	C.198341	Duct, transfer, in No. 1 tank, port ...	1	S.54 & L.59	C.	NC.1
5026	C.198342	Duct, transfer, in No. 1 tank, starboard ...	1	L.54 & L.59	C.	NC.1
5027	C.198530	Duct, transfer, inner, in No. 2 tank, port ...	1	L.54 & L.59	C.	NC.1
5028	C.198531	Duct, transfer, inner, in No. 2 tank, starboard ...	1	L.54 & L.59	C.	NC.1
5029	C.198343	Duct, transfer, outer, in No. 2 tank, port ...	1	L.54 & L.59	C.	NC.1
5030	C.198344	Duct, transfer, outer, in No. 2 tank, starboard ...	1	L.54 & L.59	C.	NC.1
6991	C.209795	Duct, transfer, inner, in No. 3 tank, port ...	1	L.54 & L.59	C.	NC.1
6992	C.209796	Duct, transfer, inner, in No. 3 tank, starboard ...	1	L.54 & L.59	C.	NC.1
5033	C.198345	Duct, transfer, outer, in No. 3 tank, port ...	1	L.54 & L.59	C.	NC.1
5034	C.198346	Duct, transfer, outer, in No. 3 tank, starboard ...	1	L.54 & L.59	C.	NC.1
5035	C.198526	Duct, transfer, in No. 4 tank, port ...	1	L.54 & L.59	C.	NC.1
5036	C.198527	Duct, transfer, in No. 4 tank, starboard ...	1	L.54 & L.59	C.	NC.1
6095	B.208097	Duct, outlet, port, in No. 1 tank, group ...	1	—	B.	NC.1
6096	B.208098	Duct, outlet, starboard, in No. 1 tank, group ...	1	—	B.	NC.1
	A.199074	Plate, mounting	2	DTD.610		
5038	Dowty	Ring, sealing, "O" type ...	2	—	C.	NC.1
27QA/362	GD.1308/4					
5CW/5255	Flight Refuelling	Float, switch, in No. 4 tank ...	2	—	A.	NC.1
	D.3504100/2					
9655	A.226375	Gasket, sealing at tank mounting plate ...	8	—	C.	NC.1
2144	Std.1231/3	Lug, locking	2	S.3	C.	4
	A.232202	Plate, sealing (AS.770/45) ...	2	L.72	—	
6988	B.207013	Plate, mounting, at leading edge spar for No. 1 tank	2	DTD.610	C.	NC.1
6990	B.207014	Plate, mounting, at leading edge spar for Nos. 2 and 3 tanks	4	DTD.610	C.	NC.1
6989	B.207015	Plate, mounting, at leading edge spar for No. 4 tank	2	DTD.610	C.	NC.1
5042	B.202091	Pipe, air, flexible, in No. 1 tank ...	2	—	C.	NC.1
5043	B.202075	Pipe, air, in No. 1 tank, port ...	1	DTD.253	C.	NC.1
5044	B.202076	Pipe, air, in No. 1 tank, starboard ...	1	DTD.253	C.	NC.1
5045	C.198514	Pipe, fuel transfer, in No. 4 tank, port ...	...	L.54 & L.59	C.	NC.1
5046	C.198515	Pipe, fuel transfer, in No. 4 tank, starboard ...	1	L.54 & L.59	C.	NC.1
5047	A.199113	Ring, clamping transfer ducts to ribs ...	12	DTD.364	C.	NC.1
3945	Dowty	Ring, sealing, "O" type, at transfer ducts connections	12	—	C.	NC.1
27QA/361	GD.1308/2					

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6208	F.210208						2	—	C.	NC.1
	Dowty						64	—	C.	NC.1
27QA/139	GD.1307/3						24	—	C.	NC.1
27QA/140	Dowty						2	—	C.	NC.1
27QA/140	GD.1307/4						—	—	—	—
27QA/149	Dowty						—	—	—	—
27QA/149	GD.1307/G						—	—	—	—
—	—						—	—	—	—
9654	F.226373						2	DTD.1177 and L.72	C.	NC.1
9653	F.226372						2	DTD.1177 and L.72	C.	NC.1
9652	F.226371						2	DTD.1177 and L.72	C.	NC.1
9659	A.226379						2	DTD.1177 and L.72	C.	NC.1
9648	F.226367						10	DTD.1177 and L.72	C.	NC.1
5053	F.199096						2	Rubber	C.	NC.1
4042	Std.1509/23/030						4	T.4	MR/C	4
8190	A.218022						1	—	B.	NC.1
8191	A.218023						1	—	B.	NC.1
6200	F.209640						1	—	C.	NC.1
	A.210450						1	—		
	A.210451						1	—		
6199	F.209155						1	Steel	C.	NC.1
7050	F.215727						1	—	C.	NC.1

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Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
	A.233327/8	FUEL SYSTEM IN WINGS ASSEMBLY (Conversion Wing Only) To Wing Serial Numbers :— 41H/670099 HABL/001208 41H/670148 HABL/001249 41H/670163 HABL/002018 41H/670462 HABL/002053 41H/670514 41H/670529 Identical to system fuel assembly E. 206680-1 except for the following deletions and additions DELETE:—	—	—		
7902	A.206783	Pipe , fuel, inboard to outboard pylon, port	1	—	C.	
7903	A.206784	Pipe , fuel, inboard to outboard pylon, starboard ...	1	—	C.	
7892	B.206682	Pipe , fuel, between pylons	2	—	C.	
7893	B.206683	Pipe , air, between pylons...	2	—	C.	
7906	A.206273	Support , at rib "J" for fuel and air pipes, between pylons	4	—	C.	
7907	A.206274	Support , at rib "M" for fuel and air pipes, between pylons	4	—	C.	
		ADD:—				
421	A.185593	Clamp , fuel pipe connection at rib "M" group ...	2	—	C.	
2723	F.184931	Bolt , eye	1	S.94.B	C.	
2724	F.185592	Washer	1	DTD.364	C.	
5059	A.186451	Clamp , air pipe connection between ribs "M-N" group	2	—	C.	
2723	F.184931	Bolt , eye	1	S.94.B	C.	
2724	F.185592	Washer	1	DTD.364	C.	
	B.210509	Pipe , air, inboard pylon to coupling between ribs "M-N," port	1	DTD.253		
	B.210510	Pipe , air, inboard pylon to coupling between ribs "M-N," starboard	1	DTD.253		
	B.210511	Pipe , air, coupling between ribs "M-N" to outboard pylon, port	1	DTD.253		
	B.210512	Pipe , air, coupling between ribs "M-N" to outboard pylon, starboard	1	DTD.253		
	B.207362	Pipe , fuel, between inboard and outboard pylons ...	4	DTD.253		
	A.234181	Pipe , fuel, at inboard pylon, port	1	BSS.265		
	A.234182	Pipe , fuel, at inboard pylon, starboard... ...	1	BSS.265		
27QA/361	Dowty Seals GD.1308/2	Ring , sealing, at fuel pipe connection rib "M" ...	2	—	C.	
27QA/379	Dowty Seals GD.1309/21	Ring , sealing, at air pipe connection between ribs "M-N"	2	—	C.	
	A.207331	Support , at rib "M" for fuel and air pipes between pylons	4	LFS.21		
	A.234202	Support , at rib "J" for fuel and air pipes between pylons	4	LFS.21		
4042	Std.1509/23/030	Tube , distance, at fuel pipe support rib "M" (Make from 30B/556) (Starboard only)	2	T.4	MR/C	

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		1	2	3	4	5				
SUMMARY OF STOCK ITEMS										
28D/1010658	A25.1.B	Bolt, 4 B.A.	—	—
28D/9436920	A25.1.C	Bolt, 2 B.A.	—	—
28D/9133011	A25.2.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/9133012	A15.3.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/1200119	A25.4.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/7002428	A25.6.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/1011019	A25.8.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12517	A25.17.C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12635	A25.24.E	Bolt, $\frac{1}{2}$" B.S.F.	...	...	...	...	...	...	—	—
5K/3405	AS.3360 B.3.C	Connector, earthing	...	...	...	...	...	...	—	—
5K/3408	AS.3360 B.6.C	Connector, earthing	...	...	...	...	...	...	—	—
28F/8280	AGS.1142.H	Nipple	...	...	...	...	...	...	—	—
28F/19143	AGS.2120.H	Nipple	...	...	...	...	...	...	—	—
28M/13121	A.27.CS	Nut, 2 B.A.	...	...	...	...	...	...	—	—
28M/10327	AGS.2002.B1	Nut, 4 B.A.	...	...	...	...	...	...	—	—
28M/10328	AGS.2002.C1	Nut, 2 B.A.	...	...	...	...	...	...	—	—
28M/13264	AGS.2021.C1	Nut, 2 B.A.	...	...	...	...	...	...	—	—
28M/13721	AGS.2021.E1	Nut, $\frac{1}{2}$" B.S.F.	...	...	...	...	...	...	—	—
28P/19225	SP.90 C.3	Pin	...	...	...	...	...	...	—	—
28P/19154	SP.90 C.7	Pin	...	...	...	...	...	...	—	—
28R/6341	AGS.566.B	Plug	...	...	...	...	...	...	—	—
28S/14301	A33.C14	Screw, 2 B.A.	...	...	...	...	...	...	—	—
28S/6611	A37.C20	Screw, 2 B.A.	...	...	...	...	...	...	—	—
28S/1200066	A33.B20	Screw, 4 B.A.	...	...	...	...	...	...	—	—
28F/9438453	AGS.1186.B	Seal, $\frac{1}{2}$"	...	...	...	...	...	...	—	—
28S/1011903	AGS.1186.G	Seal	...	...	...	...	...	...	—	—
28S/9429636	AGS.1186.3	Seal, 2 B.A.	...	...	...	...	...	...	—	—
28W/9419474	SP.15.B	Washer, 4 B.A.	...	...	...	...	...	...	—	—
28W/9419475	SP.15.C	Washer, 2 B.A.	—	—
28W/9419404	SP.16.C	Washer, 2 B.A.	—	—
28F/9652	AGS.1138.E	Washer, $\frac{1}{4}$" dia.	—	—

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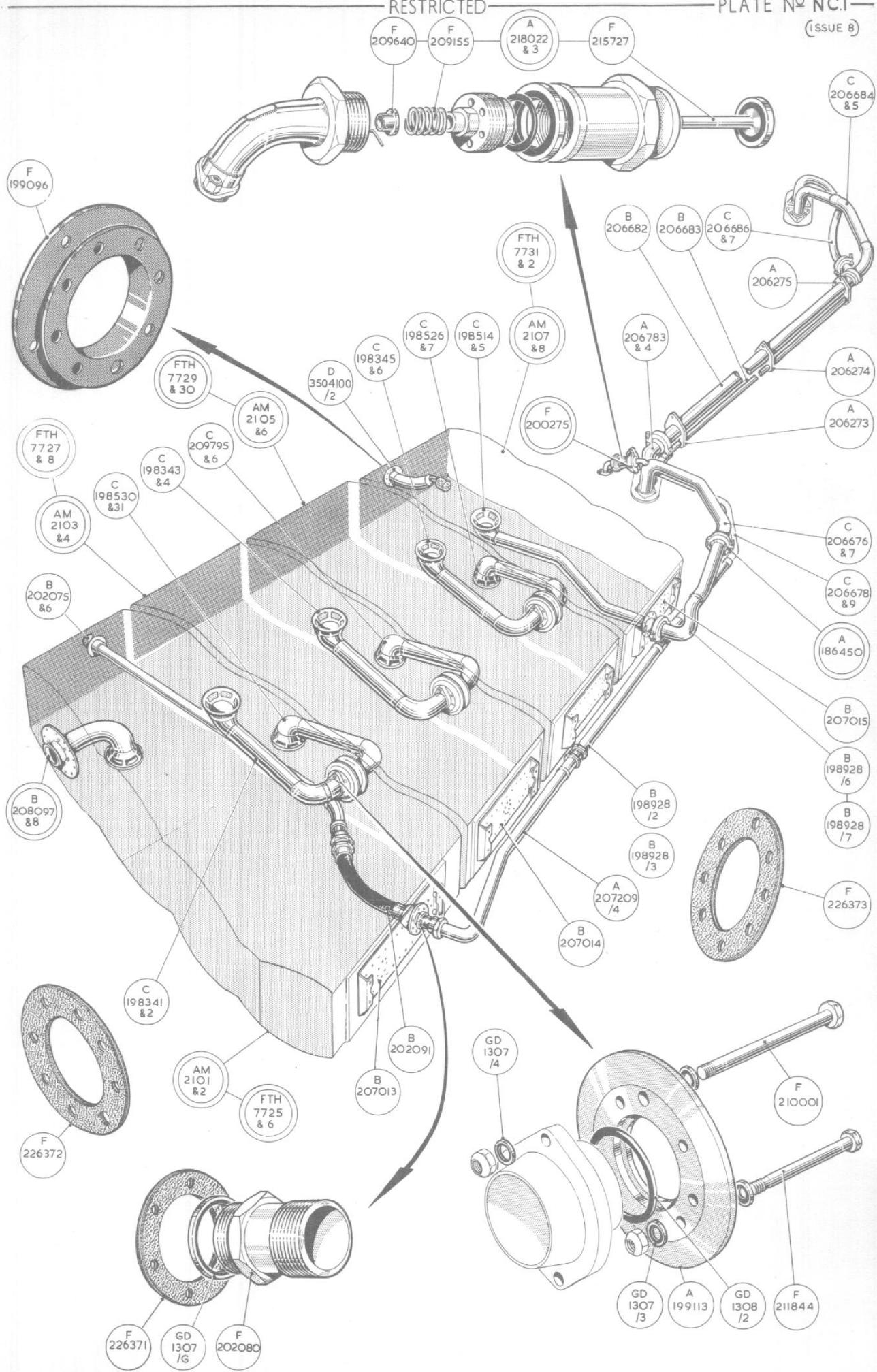
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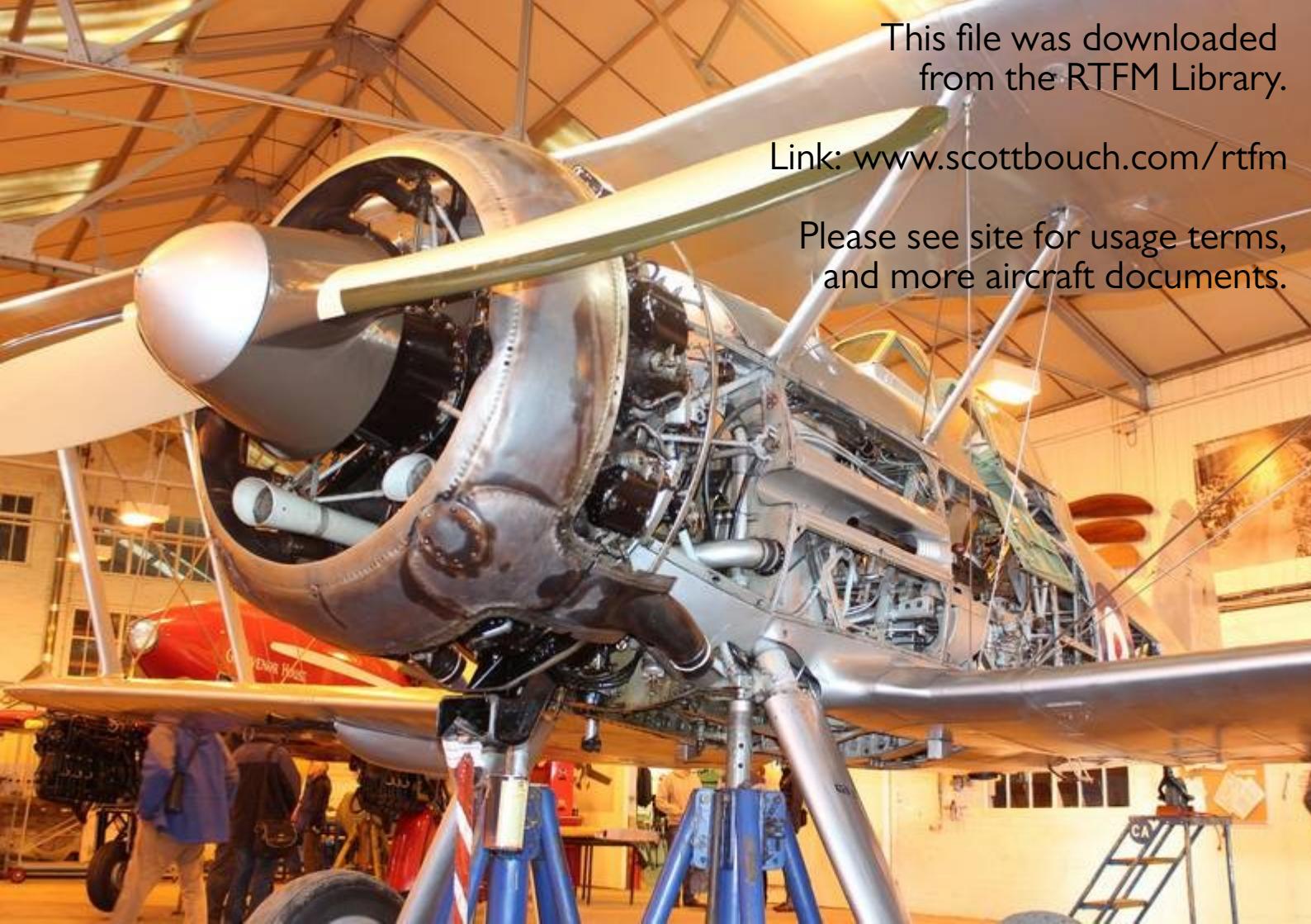
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PLATE N° N.C.I.—

(ISSUE 8)



FUEL SYSTEM

A large propeller aircraft, likely a Douglas C-47 Skytrain, is displayed in a museum hangar. The aircraft is positioned on a blue hydraulic lift, with its front landing gear extended. The engine and propeller are visible on the left side. The interior of the aircraft is partially open, showing the cockpit and the engine compartment. The aircraft is surrounded by museum exhibits, including a red and white airplane in the background and various informational displays. The hangar has a high ceiling with exposed structural beams and lighting fixtures.

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