

SUSPECTED UNAPPROVED PARTS INFORMATION

February 21, 2002

During an audit of a maintenance company, the presence of various parts that are suspected to have been identified and released using procedures that are not in conformity with the approved standards was detected by the Swiss Federal Office for Civil Aviation.

Please inform the operators of Dornier Do-228 and Do-328 series aircraft and Garrett TPE-331 engines, as well as the respective maintenance agencies and parts dealers to verify their records and stocks in accordance with the information below.

- If these checks reveal the installation of such parts on an aircraft, they must be replaced immediately with airworthy parts of a known good source with appropriate traceability as soon as practicable.
- If parts of unknown origin are discovered in a stock, they are not to be used on an aircraft before it has been ascertained that they conform to the aircraft type design and can be appropriately traced to the source.

Dornier Do-228 and Do-328 series aircraft and Garrett TPE-331 series turboprop engine parts released between September 17, 1998 and September 12, 2000 by Aircraft Service Berne/Belp AG (ASB) without appropriate data, authority and approval

See the attached list pages 1 thru 5 for details of the parts involved.

Notes

- ***For all of the parts a "Certificate Reference Number" could be established, however today's physical location of the parts is unknown.***
- ***ASB changed ownership in the meantime and is now under new management. All certificates were established under the previous management.***

Contact: ASB, QA Department, Berne Airport, CH-3123 Belp, Switzerland

Should any of these parts be discovered in your country, please inform FOCA as soon as possible.

We thank you for taking the appropriate action.

Federal Office for Civil Aviation
Airworthiness and Registry LT
Maulbeerstrasse 9
CH-3003 Berne
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Attachment: List of suspected unapproved parts page 1 thru 5

Swiss FOCA list of SUP supplied by ASB Bern

Quantity	Description	Class	P/N	S/N (Batch No.)	Eligibility	Workorder	Certificate Ref. No.	
1	Transmitter Fuel Flow	2	1/2-2-81-301	117594	?	CHF0267/98	73	
1	Transmitter Fuel Flow	2	1/2-2-81-301A	139185	?	CHF0267/98	74	
1	Speed Switch	2	305558-3	92-20219-120	DO228	none	108	
1	Air Intake	2	001A716E1000010	1226	DO328	none	109	
6	Mount Engine Rear	3	93469-14	N/A	DO228	none	110	
3	Valve Solenoid	2	3101396-1	52152 8214	DO228	none	111	
2	Bushing	3	3101759-1	N/A	Garrett TPE 331	none	113	
1	Bushing	3	3101759-2	N/A	Garrett TPE 331	none	113	
2	Bushing	3	3101759-4	N/A	Garrett TPE 331	none	113	
2	Bushing	3	3101759-5	N/A	Garrett TPE 331	none	113	
2	Bushing	3	3101759-6	N/A	Garrett TPE 331	none	113	
2	Bushing	3	866914-1	N/A	Garrett TPE 331	none	113	
2	Bushing	3	867905-1	N/A	Garrett TPE 331	none	113	
1	Bushing	3	893258-1	N/A	Garrett TPE 331	none	113	
1	Switch	2	865956-3	2651	Garrett TPE 331	none	114	
2	Comp Seal	3	3107051-1	N/A	Garrett TPE 331	none	115	
4	Bolt	3	865396-2	N/A	Garrett TPE 331	none	116	
3	Gasket	3	865630-3	N/A	Garrett TPE 331	none	116	
1	Washer	3	865853-1	N/A	Garrett TPE 331	none	116	
2	Washer	3	865853-2	N/A	Garrett TPE 331	none	116	
100	Gasket	3	867595-2	N/A	Garrett TPE 331	none	116	
30	Gasket	3	868759-2	N/A	Garrett TPE 331	none	116	
3	Gasket	3	896081-1	N/A	Garrett TPE 331	none	116	
5	Gasket	3	S9014E21	N/A	Garrett TPE 331	none	116	
1	Shroud Fuel Nozzle	2	868747-1	3319D	Garrett TPE 331	none	117	
1	Sec. Fuel Manifold	2	3102474-1	?	Garrett TPE 331	none	119	
1	Sec. Fuel Manifold	2	3102474-1	?	Garrett TPE 331	none	120	
1	Bushing	3	A421860A06B	N/A	DO228	none	122	
1	Bushing	3	A-421860A07B	N/A	DO228	none	122	
1	Sleeve, Spacer	3	A421860B02B	N/A	DO228	none	122	
2	Bushing	3	A426741A02B	N/A	DO228	none	122	
1	Bushing	3	A-761100A11B	N/A	DO228	none	122	

1	Bushing	3	A761100A13B	N/A	DO228	none	122
2	Bearing	3	MS27640-5	N/A	DO228	none	123
2	Bearing	3	MS27643-5	N/A	DO228	none	123
4	Bearing	3	P5K	N/A	DO228	none	123
2	O-Ring	3	351687	N/A	DO228	none	124
4	O-Ring	3	QD1001-012	N/A	DO228	none	124
6	O-Ring	3	QD1001-024	N/A	DO228	none	124
2	O-Ring	3	QD1004-012	N/A	DO228	none	124
1	Bolt	3	A-421860B01B	N/A	DO228	none	125
1	Bolt	3	A-426740A05B	N/A	DO228	none	125
2	Bolt	3	NAS 1307-54D	N/A	DO228	none	125
2	Bolt	3	NAS1303-9D	N/A	DO228	none	125
1	Bolt	3	NAS1307-46D	N/A	DO228	none	125
1	Wing Tip Brake	2	62370000-05	11	DO228	none	126
1	Beacon	2	9EL400446-00	5501	DO228	none	127
1	SB228-159	2	?	?	DO228	none	128
1	SB228-151	2	?	?	DO228	none	128
1	SB228-152	2	?	?	DO228	none	128
1	Cam Switch Unit	2	9064B0001-01	79570	DO228	none	129
1	DC Power Relay	2	MS24166D1	?	DO228	none	129
1	Hose Line	3	AE7083440	N/A	DO228	none	129
6	Rod End	3	610908	N/A	DO228	none	130
1	Control Rod	3	A-5631300000D	N/A	DO228	none	130
1	Lever	3	A-641100001B	N/A	DO228	none	130
1	Tube	3	A-752138D00B	N/A	DO228	none	130
1	Rod End	3	MS21260L2LH	N/A	DO228	none	130
2	Lamps	3	1900050	N/A	DO228	none	131
30	Clip	3	3550013	N/A	DO228	none	131
5	Bracket, Static discharg.	3	2.21.	N/A	DO228	none	131
1	Information Sign	3	304-0070	N/A	DO228	none	131
8	Brush	3	3M011126	N/A	DO228	none	131
1	Camswitch unit drive	3	ASM262-11	N/A	DO228	none	131
1	Transmitter Temp	3	MS28034-3	N/A	DO228	none	131
1	Bracket	3	A262219A04B	N/A	DO228	none	132
1	Washer	3	A511333A45B	N/A	DO228	none	132
3	Washer	3	A543000A05B	N/A	DO228	none	132
1	Bracket	3	A994040B07B5	N/A	DO228	none	132
2	Bracket	3	A994048A01B2	N/A	DO228	none	132

2	Washer	3	MS16625-3125	N/A	DO228	none	132
50	Washer	3	MS932011	N/A	DO228	none	132
1	Valve Solenoid	2	3101396-1	5945	DO228	none	133
1	Shroud Nozzle	2	868749-1	99193	Garrett TPE 331	none	134
1	Shroud Nozzle	2	868749-1	9AA11	Garrett TPE 331	none	134
1	Sleeve	2	897262-2	20662	Garrett TPE 331	none	135
1	Switch	2	56B17	36913	Garrett TPE 331	none	136
1	Switch	2	56B17	37436	Garrett TPE 331	none	136
1	Switch	2	56B17	57230	Garrett TPE 331	none	137
1	Valve/Flow/Drain	2	394390-1-1	3798	Garrett TPE 331	none	138
5	Filter	3	337-541-9101	N/A	Garrett TPE 331	none	139
1	Valve Shutoff	2	8500-68	1152	Garrett TPE 331	none	140
1	Controller	2	949594-9	90-2013	Garrett TPE 331	none	141
1	Valve Solenoid	2	394230-9-1	11661	Garrett TPE 331	none	142
2	Filter	3	4210T-4TT	N/A	Garrett TPE 331	none	143
2	Filter	3	4210T-4TT	N/A	Garrett TPE 331	none	143
1	Ignition Box	2	10-378400-3	400107	Garrett TPE 331	none	144
1	Pump	2	4049-A	15326	Garrett TPE 331	none	145
1	Flowmeter	2	1/2-2-81-301	209456	Garrett TPE 331	none	146
1	Pump	2	A4033E	14409	Garrett TPE 331	none	147
1	Heatsealing	2	99193-868259-4	5939	Garrett TPE 331	none	148
1	Heatsealing	2	99193-868259-4	5954	Garrett TPE 331	none	148
1	Throttle Valve	2	634-503-9001	550	Garrett TPE 331	none	149
1	Throttle Valve	2	634-503-9001	176	Garrett TPE 331	none	150
1	Pump	2	4049-AM	69848	Garrett TPE 331	none	151
1	Oel Tank	2	896417-1G	99193	Garrett TPE 331	none	152
1	Bushing	3	3101827-1	N/A	Garrett TPE 331	none	153
11	Bushing	3	3103393-2	N/A	Garrett TPE 331	none	153
8	Bushing	3	867789-1	N/A	Garrett TPE 331	none	153
2	Bushing	3	867905-1	N/A	Garrett TPE 331	none	153
7	Plate lock	3	307398-6	N/A	Garrett TPE 331	none	154
7	Plate lock	3	3101373-1	N/A	Garrett TPE 331	none	154
2	Plate lock	3	3101626-1	N/A	Garrett TPE 331	none	154
2	Gasket	3	362-600-9001	N/A	Garrett TPE 331	none	155
4	Gasket	3	370082-1	N/A	Garrett TPE 331	none	155
2	Gasket	3	865091-4	N/A	Garrett TPE 331	none	155
10	Gasket	3	865095-1	N/A	Garrett TPE 331	none	155
10	Gasket	3	865664-3	N/A	Garrett TPE 331	none	155

1	Gasket	3	865664-5	N/A	Garrett TPE 331	none	155
4	Gasket	3	865792-1	N/A	Garrett TPE 331	none	155
2	Gasket	3	865792-3	N/A	Garrett TPE 331	none	155
20	Gasket	3	868749-6	N/A	Garrett TPE 331	none	155
1	Plate	2	3102376-1	?	Garrett TPE 331	none	156
8	Seal	3	583-515-9008	N/A	Garrett TPE 331	none	157
2	Shim	3	865721-4	N/A	Garrett TPE 331	none	158
1	Inverter	2	ASH674-3P	BY505	DO228	none	159
1	Throttle Valve	2	634-503-9001	67	DO228	none	160
1	Throttle Valve	2	634-503-9001	150	DO228	none	160
1	Fuel Line	2	3102605-1	?	DO228	none	161
1	Elevator Tip	2	A-332240C00C	?	DO228	none	162
1	Cabin Window	2	A-222140A00C-B01	?	DO228	none	163
1	Turbine Support	2	895877-4N	9P38050	Garrett TPE 331	none	164
1	Oel Housing	2	894117-26	47A118	Garrett TPE 331	none	165
1	Oel Bypass	2	897407-2	?	Garrett TPE 331	none	166
1	Oel Cap	2	194-525-9002	?	Garrett TPE 331	none	167
1	Spring	3	3000005-7AM	N/A	Garrett TPE 331	none	168
1	Shatt Seal	3	310348	N/A	Garrett TPE 331	none	169
1	Shatt Seal	3	358488-1	N/A	Garrett TPE 331	none	169
1	Shatt Seal	3	893258-1	N/A	Garrett TPE 331	none	169
1	Pump	2	C-4033E	13496	Garrett TPE 331	none	170
1	Turbine Plenum	2	3102613-1	31401	Garrett TPE 331	none	171
1	Taxi Light Cover	2	A-252022C00C	578238	DO228	none	172
3	Bearing	3	13836	N/A	-	none	173
8	Bearing	3	13889	N/A	-	none	173
1	Propeller	1	HD-E6C-3B	HL305	DO328	1263	175
1	Fuel Boost Pump	2	177310	139	DO328	none	176
1	Cabin Door Rear Section	2	AA262030A00C	9903	DO228	none	177
31	Seat Covers	3	2524.001.55-774	N/A	DO328	none	180
31	Seat Cover Back Rest	3	2524-001-55-697	N/A	DO328	none	181
31	Seat Cover Bottom	3	43474057F080913	N/A	DO328	none	181
1	Bracket Duct Assy	2	001A733A2420200	?	DO328	none	185
4	Brackets	2	410.17.14.00	?	DO228	none	241
1	Propeller	1	HD-E6C-3B	HL272	DO328	none	246
1	Propeller	1	HD-E6C-3B	HL305	DO328	none	247
1	Servo Valve Control	2	3108404-01D	HC1071	DO328	none	277
1	Rudder Spring Tab	2	001A554A1700002	1041	DO328	1563	280

1	Rudder Spring Tab	2	001A554A1701000B	9059	DO328	1624	299
1	Bezel Switch	2	7014332-902	94020269	DO328	none	328
2	Blade refill	3	XW20973-H14	N/A	DO228	none	343
1	Panel, FD/AP Display	2	7015327-901	94080167	DO328	1708	352
1	Leading Edge Vert. Stab.	2	001A 553A120008	1115	DO328	1809	423