



SERVICE KIT NUMBER 30			
TITLE: INSTALL HINGED ACCESS DOORS & BAGGAGE BAY FLOORS			
BY: A.GIESE	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: J.SORTOR	de Havilland DHC-6-100	13000A	Optional Compliance
DATE: 8/30/2017	de Havilland DHC-6-200	13000S	ECO—23212
REV: D	de Havilland DHC-6-300		S/L P/N 1002512

FAA APPROVAL HAS BEEN OBTAINED FOR TECHNICAL DATA IN THIS PUBLICATION THAT AFFECTS STC OR TSO DESIGN COMPLIANCE

EFFECTIVITY: All 13000 amphibious or seaplane floats

COMPLIANCE: This service kit is an optional upgrade.

BACKGROUND: Not applicable

COMPLIANCE METHOD:

Replacement of original fixed access covers located on the top-deck with hinged access doors and baggage-bay floors. Ordering P/N 1002512 will include the following parts:

Item	Part Number	Description	Quantity
1	10A01000-464	Assembly, Door, Baggage Bay	4
2	13A01162-052	Baggage Lip	4
3	1003425	Top skin cross-tie angle	8
4	1085H3-1MDC	Seal, baggage door	28
5	1002063	Baggage lip	4
6	1003672	Angle	6
7	1003673	Angle	4
8	1003675	Panel	2
9	1003676	Panel	2
10	1003677	Panel	2
11	7A3-4205-1	Placard	2
12	7A3-4205-2	Placard	2
13	1004518	Template	1
14	1004519	Template	1
15	1005911	Pumper Tube	2
16	MS35489-19	Grommet	4
17	SSTATP	Floor Screw	92
18	CR3213-5-5	Cherry Max Rivet	36
19	CR3213-5-6	Cherry Max Rivet	12

APPROX. SHOP HOURS: 10 hours per float

WARRANTY INFORMATION: Not applicable

TECHNICAL DATA:

REV	DATE	ECO	DR	DESCRIPTION
B	08/13/2010	21106	BOH	DWG WAS 781-4202, ADDED SHIT 2, DELETED NOTE 1, NOTE 2, RELABELLED 1, UPDATED WEIGHT AND BALANCE.
C	07/02/2014	23212	AUG	REVISED NOTE #5, ADDED ITEMS #15-19 TO BOM, 13A01382-008 (2) WAS (8)

MATL	SEE BOM
FINISH	NONE

LEAD BAGGAGE BAY MODIFICATION

- DRILL OUT #1, 2, 3, 4 CROSS TIES AND REMOVE FROM TOP SKIN. IN ADDITION TO THE #5 RIVETS THAT ATTACH THE CROSS TIES TO THE TOP SKIN, THERE ARE ALSO #5 RIVETS THAT ATTACH THE CROSS TIES TO THE TOP RAIL INSIDE THE FLOAT COMPARTMENT.
- CALL OUT THE CORRECT DIRECTION FOR ITEMS 13 AND 14, MAKING SURE THAT THE FWD AND INBOARD SIDE MARK CUT LINES ONTO TOP SKIN.
- CUT, FILE, DEBURR BAGGAGE AREA. (RELOCATE PUMPOUT CUT NOTED)
- INSTALL BAGGAGE LIPS (ITEMS 6 & 9), OPEN SIDES OF ITEM 2, FACES INBOARD. PLACE SEAL SUCH THAT A 1/4" REMAINS ABOVE THE TOP SKIN.
- BEVEL INBOARD EDGE OF BAGGAGE OPENINGS TO ACCEPT BAGGAGE COVER HINGE.
- INSTALL FLAM SEAL AROUND BAGGAGE FLANGE. THIS SEAL WILL RUN AROUND BAGGAGE FLANGE WITH #4 ROUND HEAD RIVETS. SEAL CONTACT AREA, AND RIVET IN FLANGE.
- INSTALL BAGGAGE PLACARDS ITEM 11 & 12.

WEIGHT AND BALANCE INFORMATION

BAGGAGE ITEM	WEIGHT	ARM	MOMENT
BAGGAGE DOORS - FWD (2)	3.95	183	485
BAGGAGE DOORS - AFT (2)	3.95	183	722
BAGGAGE FLOOR - FWD (2)	1.45	112	162
BAGGAGE FLOOR - AFT (2)	1.45	112	162
BAGGAGE FLOOR - INT (2)	4.15	182	755
TOTAL	16.75	730	2547

NOTE: 1. APPROVAL BASIS FOR THIS INSTALLATION TSD-027.

ITEM#	PART NUMBER	DESCRIPTION
18	CR215-58	CHERRY MAX RIVET
19	CR215-55	CHERRY MAX RIVET
20	CR215-56	CHERRY MAX RIVET
16	R43548A-19	COGNACET
15	1005011	PUMPER TUBE 89" LONG
14	1004518	TEMPLATE CUT OUT BAGGAGE DOORS AFT, 13000
13	1004518	TEMPLATE CUT OUT BAGGAGE DOORS FWD, 13000
12	7A3-4025-2	PLACARD, STA 183, FLT BAGGAGE BAY
11	7A3-4025-1	PLACARD, STA 123, FLT BAGGAGE BAY
10	1003877	PANEL BAGGAGE FLOOR, BLKHD #6-7, 13000 FLT
9	1003876	PANEL BAGGAGE FLOOR, BLKHD #7-9, 13000 FLT
8	1003875	PANEL BAGGAGE FLOOR, BLKHD #11-14, 13000 FLT
7	1003873	ANGLE BAGGAGE FLOOR, 21.8813000 FLT
6	1003872	ANGLE BAGGAGE FLOOR, 10.8213000 FLT
5	1007089	BAGGAGE LIP
4	105H5-1MDC	SEAL BAGGAGE COVER
3	1004275	ANGLE TOP SKIN CROSS TIE
2	13A0102-062	BAGGAGE LIP
1	13A0102-062	BAGGAGE LIP
4	13A0102-062	ASSEMBLY DOOR BAGGAGE BAY

TITLE	WIPAIRE, INC.
1700 HENRY AVE SOUTH ST PAUL, MN 55025	(651) 951-1205
SCALE	1:16
SIZE	C
TOLERANCES	XXX ± .005 XX ± .01 X ± .02
THIRD ANGLE PROJECTION	
ALL DIMENSIONS ARE AFTER FINISH	
REV	D
PARTS	1002512
SHEET	1 of 2



NOTES:

- 1) Upon completion of inspection, enter information in float logbook for completion of Wipaire Service Kit 30.
- 2) Once service letter is accomplished, please visit www.wipaire.com and update your aircraft service letter/kit record using the link found on the Customer Support dropdown menu under "Update Service Letter & Kit Compliance Status".

END