

STOL CH 750 2nd Edition 1st Revision Drawings March 22, 2011
Summary of changes from Edition 2 to Edition 2 Revision 1.

Page	Date	Drawing Title
75-G-0	03/11	Three View Drawing
		1. Edition 2 Revision 1
75-G-1	03/11	Drawings Index
75-G-2	03/10	General Information
75-RX-1	10/10	Rudder Exploded View
		1. P/N 75R2-8 removed from the drawings.
75-R-1	03/10	Rudder Ribs
75-R-2	10/10	Rudder Spar, Skins, & Hinges
		1. P/N 75R2-8 removed from the drawings.
75-RA-1	05/09	Rudder Assembly
75-TX-1	05/09	Horizontal Stabilizer Exploded View
75-TX-2	05/09	Elevator Exploded View
75-T-1	06/10	Horizontal Stabilizer Ribs and Spars
75-T-2	05/09	Horizontal Stabilizer Doublers and Brackets
75-T-3	01/10	Elevator Ribs, Spars, and Horns
75-T-4	09/09	Horizontal Tail Skins and Elevator Trim
75-TA-1	06/10	Horizontal Stabilizer Skeleton
75-TA-2	02/11	Horizontal Stabilizer Skin
		1. Dimension from spar rivet line to L angle in "Front View: Skin cutout for upper elevator cable" corrected to 105mm.
75-TA-3	06/10	Elevator Skeleton
75-TA-4	11/09	Elevator Skin Riveting
75-TA-5	09/09	Elevator Trim
75-TA-6	06/10	Elevator Mounting on Horizontal Stabilizer
75-SX-1	06/09	Slats Exploded View
75-S-1	06/09	Slats
75-SA-1	06/10	Slat Assembly
75-AX-1	09/10	Flaperon Exploded View
		1. Flange direction corrected for the first 75A1-3 rib on the outboard section.
75-A-1	10/09	Flaperons
75-A-2	08/08	Flaperons
75-AA-1	06/10	Flaperon Assembly
75-WX-1	06/10	Wings Exploded View
75-W-1	03/09	Wing Ribs
75-W-2	04/10	Wing Spar
75-W-3	06/10	Wing Spar Fittings
75-W-4	04/10	Root Ribs and Rear Channels
75-W-5	04/10	Top Wing Skins

- 75-W-6 10/10 Bottom Wing Skins
 1. P/N 75W6-6 dimensions corrected, 95mm between center of radii and 115mm width.
- 75-W-7 01/10 Jury Struts and Fittings
- 75-W-8 06/10 Wing Struts
- 75-WS-1 04/10 Wing Spar Assembly
- 75-WA-1 11/10 Wing Skeleton, Slat & Flaperon Brackets
 1. Typo correction: AN4-5A corrected to AN3-5A through 75W4-2 into the spar.
- 75-WA-2 10/10 Skin Riveting
 1. Note added: "4 Rivets A4 (pitch 30) in L on slat attachment bracket" to Side View: Skin Rivet Locations.
- 75-WA-3 03/11 Strut Fittings
 1. Installation information added for P/N 75W6-6. P/N 75W6-6 attached to 75W6-1 with 12 screws AN525-10R7 and 12 nutplates MS21075L3.
 2. 75W6-9 moved forward from 10mm forward of the spar rivet line to 80mm forward of the spar rivet line to provide clearance between the outlets and the spar web.
- 75-K-1 10/09 Fuel System
- 75-KA-1 02/11 Fuel System
 1. "10 ohm to 70 ohm range" added under the part number for the sending unit.
- 75-KA-2 09/10 Fuel Line Routing
 1. Typo correction to Grommet P/N for Grommet installed in the Rear Channel, correct P/N: AN931-B10-14
- 75-FX-1 06/10 Rear Fuselage Exploded View
- 75-FX-2 01/10 Forward Fuselage Exploded View
- 75-F-1 06/10 Rear Fuselage Skins
- 75-F-2 06/10 Rear Fuselage Bulkheads
- 75-F-3 06/10 Rear Fuselage Channels
- 75-F-4 12/10 Rear Fuselage Doublers
 1. P/N 75F4-8 20mm dimensions corrected to 14mm.
- 75-F-5 09/10 Baggage Compartment
 1. P/N 75F5-6 386mm dimension changed to 392mm, 470mm dimension changed to 475mm.
- 75-F-6 09/10 Baggage Compartment
 1. P/N 75F5-6 441mm dimension changed to 449mm, 470mm dimension changed to 475mm
- 75-F-7 09/10 Cabin Side
 1. P/N 75F7-8 length corrected to 755mm.
- 75-F-8 08/10 Firewall
 1. P/N 75F8-1: 6th crimp from the bottom moved down 20mm.
 2. P/N 75F8-1: side flanges angle changed from 3 degrees to 8 degrees.
- 75-F-9 08/08 Firewall Stiffeners
- 75-F-10 06/10 Forward Fuselage Floor & Stiffeners
- 75-F-11 08/10 Seat Structure
 1. P/N 75F11-3: bottom flange angle changed from 90 degrees to 81 degrees (closed).

- 75-F-12 10/10 Forward Fuselage
1. P/N 75F12-6: revision changed to 1 for a change in the cutout on the kit supplied parts.
- 75-F-13 04/10 Seats
- 75-F-14 08/10 Gear Strut Fitting & Engine Mount Fittings
1. P/N 75F14-3: bend angle of Side Plate changed from 12 degrees to 14 degrees.
- 75-F-15 11/10 Cabin Frame
1. P/N 75F15-1: U fitting cropped 14mm high and 30mm back from the edge.
 2. Note added: "Set wing incidence angle to match U fitting angle" to the U fitting detail.
- 75-F-16 08/10 Instrument Panel & Window Flashings
1. P/N 75F16-2: 1035mm dimension corrected to 1051mm.
- 75-F-17 04/10 Windshield & Windows
- 75-CS-1 10/09 Cabin Side Assembly
- 75-FA-1 06/10 Rear Fuselage Assembly
- 75-FA-2 06/10 Rear Fuselage Top Skin & Rear Bulkheads
- 75-FA-3 02/11 Baggage Compartment
1. Riveting information added for P/Ns 75F5-1 to 75F4-5, 10 rivets A5.
- 75-FA-4 07/10 Forward Fuselage
- 75-FA-5 06/10 Firewall Assembly
- 75-FA-6 06/10 Forward Fuselage
- 75-FA-7 09/10 Fuselage Joining
1. Bolt lengths corrected: bottom detail of 75F14-3: 3 bolts AN3-4A changed to AN3-5A, AN4-5A change to AN4-6A, AN3-4A changed to AN3-5A.
 2. Bolt length information added: bottom detail of 75F14-3: 4 Bolts AN3-5A.
- 75-FA-8 10/10 Seats & Seat Belts
1. 200mm dimension added to locate the second row of screws to attach 75F13-6 to 75F11-4.
- 75-FA-9 02/11 Windshield & Windows Installation
1. P/N correction: AN525-R8 corrected to AN525-10R8 to attach 75F17-2 to 75F2-1.
 2. Screws attaching 75F17-1 to 75F15-1 changed to 6x3/4 SMS T-A on top.
 3. Screws attaching 75F17-1 to 75F15-1 changed to 6x1/2 SMS T-A on sides.
- 75-CX-1 07/09 Controls Exploded View
- 75-C-1 08/10 Flap Controls
1. P/N 75C1-4: revision changed to 1 to reflect holes match drilled to 75C1-5.
- 75-C-2 08/10 Elevator Controls
1. P/N 75C2-6: typo correction, dia. 4.8 corrected to dia. 6.4.
- 75-C-3 09/09 Rudder Controls & Control Stick
- 75-C-4 08/09 Fairleads
- 75-CA-1 09/10 Flaperon Controls
1. Flange direction changed on vertical L angle with common rivet line as 75C1-5 to provide better edge distance for the rivets.
 2. Bolt changed to attach 75C1-2 to 75C1-1, from AN4-11A to AN4-12.
- 75-CA-2 02/11 Elevator Controls
1. Riveting information added to attach 75F16-6 to 75F11-1, 7 Rivets A5.
- 75-CA-3 06/10 Rudder Controls

- 75-LX-1 12/10 Landing Gear Exploded View
1. P/N 75L1-3 removed.
 2. P/N 75L1-2 changed to reflect new geometry.
- 75-L-1 12/10 Nose Gear
1. 75L1-1 bottom plate dimensions changed to 100mm from 90mm, 98mm from 90mm, a slot 22mm long added 12mm from the front edge, and the plate is rolled to a 115mm radius.
 2. 75L1-2, new machined part geometry.
 3. 75L1-3 removed.
- 75-L-2 05/09 Main Gear
- 75-LA-1 12/10 Nose Gear Assembly
1. P/Ns 75L1-1 and 75L1-2 changed to reflect new geometries.
- 75-LA-2 06/10 Main Gear
- 75-Z-1 12/10 Rear Fuselage Fairings
1. 75Z1-2 dimension changed: 455mm changed to 474mm.
 2. 75Z1-3 dimensions changed: 120mm changed to 124mm and 330mm changed to 353mm.
- 75-Z-2 10/10 Door Latch
1. 75Z2-8 dimensions changed: part is 60mm long, 14mm wide, with 10mm cropped corners to match geometry of 75Z1-9.
 2. New part 75Z2-9: $\frac{3}{4}$ " x $\frac{3}{4}$ " t=0.093" 6061-T6 60mm long. One flange cut to 15mm wide and corners cropped 10mm.
- 75-ZA-1 06/10 Horizontal Stabilizer Mounting
- 75-ZA-2 10/10 Rudder Mounting
1. P/N 75R2-8 removed from the drawings.
- 75-ZA-3 08/09 Fin & Rudder Cable Fairing Installation
- 75-ZA-4 11/10 Wing Installation
1. Hole sizes removed from 75W8-1, 75W8-2, 75W8-3, and 75W8-4.
 2. 75W8-1, 75W8-2, and 75W8-3 moved further inside the struts to put the end of the tube flush with the end of the strut. The first bolt hole moved to 30mm from the end of the strut.
- 75-ZA-5 12/10 Strut and Jury Strut Installation
1. Spar attachment bolt increased in length to AN6-10A.
 2. Rear channel attachment bolt and strut attachment bolts at 75F14-3 increased in length to AN6-7A.
- 75-ZA-6 02/11 Bubble Door Installation
1. Hole removed in 75F4-1 for 75Z2-6.
 2. Installation information for 75Z2-9 added, A5 pitch 30.
 3. 75Z2-8 riveted to 75Z2-9 with 2 Rivets A4.
 4. Screw to attach interior handle to exterior handle changed to MS24693-S273.
- 75-ZA-7 06/10 Control Deflections
- 75-CE-1 09/10 Continental O-200 Conical Engine Mount
1. Part numbers added for the mounting hardware for the engine to the mount 75CE1-1: cup washer 530741, rubber bushing J3608-1, seat 530626, spacer 530627, and hose 628555-16.

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