

STOL CH 750 3rd Edition Drawings, dated April 16, 2012
Summary of changes from Edition 2 Revision 1 to Edition 3.

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		1. Edition 3
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75-T-1	04/12	Horizontal Stabilizer Ribs and Spars
		1. Part Number 75T1-1, crimp location dimensions from front to rear changed to 45, 45, 35, 35, 35, 40, 80, 30mm.
75-T-2	05/09	Horizontal Stabilizer Doublers and Brackets
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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
75-A-1	08/11	Flaperons
		1. Part Number 75A1-1R, revision changed to 1, holes added to rib to match drill to the horn, P/N 75A1-6.
75-A-2	04/12	Flaperons
		1. Part Number 75A2-3, revision changed to 1. Height reduced to 35mm.
75-AA-1	06/10	Flaperon Assembly
75-WX-1	04/12	Wings Exploded View
		1. Part Number 75W4-2, updated to reflect changes.
		2. Part Number 75W5-5, updated to reflect changes.
		3. Part Number 75W5-6, new part added.
75-W-1	03/09	Wing Ribs

- 75-W-2 07/11 Wing Spar
1. Part Number 75W2-7, revision changed to 1, part no longer cropped but left the full height for ease of manufacturing.
- 75-W-3 03/12 Wing Spar Fittings
1. Part Number 75W3-4, revision changed to 4, length shortened to 305mm to remove the need to trim the part when mounting the wing.
- 75-W-4 04/12 Root Ribs and Rear Channels
1. Part Number 75W2-1, revision changed to 1, top curve changed to fit new top window design, two crimps added and positions adjusted, and front flange height reduced from 60mm to 50mm.
 2. Part Number 75W4-4, revision changed to 2, length decreased to 2008mm to allow the wing to be installed without trimming the length.
- 75-W-5 04/12 Top Wing Skins
1. Part Number 75W5-1, revision changed to 1, cutout at root end removed. Total length decreased to 2460mm to fit new part 75W5-6.
 2. Part Number 75W5-5, revision changed to 1, part split into two parts. Shape changed to fit top window.
 3. Part Number 75W5-6, Wing Root Nose Skin, new part.
- 75-W-6 03/12 Bottom Wing Skins
1. Part Number 75W6-1, revision changed to 2, predrilled holes for 75W7-8 adjusted.
 2. Part Number 75W6-3, revision changed to 1, top dimension shortened from 2074mm to 2063mm to allow the wing to be installed without trimming.
- 75-W-7 03/12 Jury Struts and Fittings
1. Part Number 75W7-1, revision changed to 1, 50mm dimension changed to 43mm.
- 75-W-8 06/10 Wing Struts
- 75-WS-1 07/11 Wing Spar Assembly
1. Part Number 75W2-7 shaped changed to reflect new part.
- 75-WA-1 07/11 Wing Skeleton, Slat & Flaperon Brackets
1. Side View: Root Rib Riveting detail, AN3-5A bolt through 75W4-2 in spar removed. A5 rivets in 75W4-2 into spar and 75W4-1 changed to 2 rivets A6.
- 75-WA-2 04/12 Skin Riveting
1. Part Number 75W5-5, changed geometry to reflect new part shape.
 2. Part Number 75W5-6, new part added.
- 75-WA-3 04/12 Strut Fittings
1. Jury Strut Angles: Rear View, flange direction reversed to reflect proper installation.
- 75-K-1 04/12 Fuel System
1. Part Number 75K1-1, side view "Left Tank Only" removed from note for fuel return fitting.
- 75-KA-1 02/11 Fuel System
- 75-KA-2 08/11 Fuel Line Routing
1. Bottom right of drawing, Grommet part number changed from RP452ND to 9307K12.
- 75-FX-1 06/10 Rear Fuselage Exploded View

75-FX-2 04/12 Forward Fuselage Exploded View

1. L angles shown attached to 75F16-2
2. L angles added to reflect actual installation on 75F12-2 for 75F12-7.
3. Part Numbers 75F16-3 and 75F16-4 removed from drawing.
4. Part Number 75F15-1 changed to reflect new part geometry.
5. Part Number 75F17-6 added, new part.
6. Part Number 75F10-8 added, new part.
7. Part Number 75F13-7 added in correct location.

75-F-1 06/10 Rear Fuselage Skins

75-F-2 06/10 Rear Fuselage Bulkheads

75-F-3 09/11 Rear Fuselage Channels

1. Part Number 75F3-7, 55 degree angle corrected to 65 degrees.
2. Part Number 75F3-9, 55 degree angle corrected to 65 degrees.

75-F-4 12/10 Rear Fuselage Doublers

75-F-5 09/10 Baggage Compartment

75-F-6 09/10 Baggage Compartment

75-F-7 09/11 Cabin Side

1. Part Number 75F7-9, revision changed to 2, length increased from 1055mm to 1070mm.

75-F-8 08/10 Firewall

75-F-9 08/08 Firewall Stiffeners

75-F-10 08/10 Forward Fuselage Floor & Stiffeners

1. Part number 75F10-8 Cabin Floor Stiffener, new part.

75-F-11 05/11 Seat Structure

1. Part Number 75F11-4, top rear 20mm dimension corrected to 22mm and bottom right 20mm dimension corrected to 16mm.

75-F-12 11/11 Forward Fuselage

1. Part Number 75F12-2, R47.3 dimension added to top left radius.

75-F-13 02/11 Seats

1. Part Number 75F13-4, revision changed to 1, width decreased for 377mm to 357mm. Top radius decreased to 178.5mm, height increased from 456mm to 466mm. All changes allow for better clearance when installed.
2. Part Number 75F13-6, revision changed to 1, width decreased from 571mm to 551mm before bending, bent width decreased from 405mm to 385mm to allow for better clearance when installed.

75-F-14 08/10 Gear Strut Fitting & Engine Mount Fittings

75-F-15 11/10 Cabin Frame

1. Part Number 75F15-1, side view, 910mm dimension corrected to 790mm. 535mm dimension corrected to 373mm.
2. Part Number 75F15-1, front view, 200mm dimension corrected to 225mm, 83mm dimension corrected to 86mm, 949mm dimension corrected to 945mm.
3. Part Number 75F15-1, top view, 1025mm dimension corrected to 1016mm.
4. Part Number 75F15-1, revision changed to 3, top diagonal tube replaced with gusseting tubes welded 220mm from top tube on spar carry thru and 486mm from aft end of top tubes.
5. Handle removed.

75-F-16 03/12 Instrument Panel & Window Flashings

1. Part Numbers 75F16-3 and 75F16-4 removed.

- 75-F-17 04/12 Windshield & Windows
1. Part Number 75F17-1, revision changed to 1, part geometry changed to fit formed top window.
 2. Part Number 75F17-2, revision changed to 1, dimensions removed. Part now formed Plexiglass.
 3. Part Number 75F17-3, revision changed to 1, part dimensions changed from 20mm to 52mm, bent 28 degrees with one flange 20mm long.
 4. 75F17-6, Top Window Rib, new part.
- 75-CS-1 10/09 Cabin Side Assembly
- 75-FA-1 06/10 Rear Fuselage Assembly
- 75-FA-2 09/11 Rear Fuselage Top Skin & Rear Bulkheads
1. Part Number 75F3-7/1, part geometry corrected to reflect part shape.
- 75-FA-3 02/11 Baggage Compartment
- 75-FA-4 08/11 Forward Fuselage
1. Part Number 75F10-8, new part added, front flange located 155mm aft of aft rivet line for 75F10-5, riveted A4 pitch 40.
- 75-FA-5 06/10 Firewall Assembly
- 75-FA-6 06/10 Forward Fuselage
- 75-FA-7 03/12 Fuselage Joining
1. Part Number 75F15-1, diagonal tube removed to reflect new part.
- 75-FA-8 10/10 Seats & Seat Belts
- 75-FA-9 03/12 Windshield & Windows Installation
1. Details for part numbers 75F16-3 and 75F17-4 removed.
 2. Side view of forward fuselage, top window changed to reflect new part geometry.
 3. Top view of forward fuselage, part number 75F15-1 geometry changed to reflect new part.
 4. Windshield attachment to 75F15-1 and installation of 75F17-3 changed to reflect new parts.
 5. Detail for top window installation changed to reflect new parts.
- 75-CX-1 07/09 Controls Exploded View
- 75-C-1 08/10 Flap Controls
- 75-C-2 03/12 Elevator Controls
1. Part number 75C2-7, revision changed to 1. Length changed from 1000mm to 913mm. AN310-5 welded to front end.
 2. Part number 75C2-5, View from rear, 4.8mm diameter corrected to 8mm.
- 75-C-3 10/11 Rudder Controls & Control Stick
1. Part number 75C3-1, revision changed to 1, height increased from 68mm to 73mm. Width increased from 135mm to 136mm.
- 75-C-4 08/09 Fairleads
- 75-CA-1 09/10 Flaperon Controls
- 75-CA-2 04/12 Elevator Controls
1. Detail of 75C2-7 changed to reflect changes to part. Fork added to make stick neutral position adjustable.
 2. Elevator horn detail, bolt specified as AN3-5A on both top and bottom horns for the cable attachments.

75-CA-3 03/12 Rudder Controls
 1. Bolt corrected to from AN3-16A to AN3-5A for part number 75C3-7.

75-LX-1 05/11 Landing Gear Exploded View
 1. Wheels drawn to reflect wheels supplied.

75-L-1 12/10 Nose Gear
 75-L-2 05/09 Main Gear
 75-LA-1 12/10 Nose Gear Assembly
 75-LA-2 06/10 Main Gear

75-Z-1 12/10 Rear Fuselage Fairings
 75-Z-2 05/11 Door Latch
 1. Part number 75Z2-1, revision changed to 1, part geometry changed, material changed to 6061-T6 t=0.125".

75-ZA-1 03/12 Horizontal Stabilizer Mounting
 1. Top view of aircraft, part numbers 75W5-5, 75W5-6, and 75F15-1 geometries changed to reflect new revision.

75-ZA-2 10/10 Rudder Mounting
 75-ZA-3 08/09 Fin & Rudder Cable Fairing Installation
 75-ZA-4 04/12 Wing Installation
 1. Part numbers 75W5-5, 75W5-6, and 75F15-1 geometries changed to reflect new revision.

75-ZA-5 01/12 Strut and Jury Strut Installation
 1. Part number AN42B-14 corrected to AN42B-13A

75-ZA-6 03/12 Bubble Door Installation
 1. Part number 75Z2-1 geometry changed to reflect new revision.
 2. Part number 75F17-2 geometry changed to reflect new revision.

75-ZA-7 06/10 Control Deflections

75-CE-1 09/10 Continental O-200 Conical Engine Mount

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