

ZODIAC CH 650 B Drawings: Summary of changes and revisions from the 2nd Edition to the 3rd edition

Third edition CH 650 B: February 8, 2012

Revisions made to 2nd edition (included in third edition):

6-X-0 date Feb 8, 2012 page renumbered 6-X-1

3rd Edition, February 2012

6-X-1 date Feb 8, 2012 page renumbered 6-X-0

Change 650 to 650 B (bottom of page in title block – all pages in the drawing set)

Added pages 6-W-11 spar parts

6-W-12 LAA balanced ailerons

6-MBO-1 (map box option)

6-X-2 date Feb 8, 2012 page renumbered 6-X-00

6-T-0 date 08/08

6-T-1 date 08/08

6-T-2 date 08/08

6-T-3 date 08/08

6-T-4 date 08/08

6-T-5 date JAN 30, 2012

Top left diagram, deleted 90 degrees between the tip rib and trailing edge.

Change to page layout, moved 65-T-5-4 to right side of page.

6-T-6 date Feb 25, 2010

Added optional L angle on the outboard side of the trim servo.

6-W-0 date Jan 19, 2010

Removed L angles between ribs – Added rivet line on wing skin for L angles between ribs

Add upgrade parts for rear channel 6W11-18, 6W11-19, 6W11-20, 6W12-1, 6W12-3

Added exploded view for aileron mass balance

6-W-0 date Nov 03, 2011

Rear channel in 2 pieces

6-W-00 date Jan 23, 2010

New page layout: Added new diagram with 3D view of right wing with L angles between ribs.
(deleted left bottom diagram)

Add L angles for Aileron Bellcrank support channel

Added L angles between rear ribs, riveted to top and bottom skins

Added 3D view to show nose ribs attachment to main spar.

Removed rivet line (top right)

6-W-1 date Jan 23, 2010

6-W-2 date Jan 26, 2010

6-W-3 date Oct 5, 2010

Added part number for 6W11-11 length=135 (left middle diagram)

Top diagram, RN #2, #3 part number correction: change 6W11-17 to 6W11-14

At stations 1490, 1770, 2010, 2570, replaced LNRA with 6W11-11

6-W-4 date Nov 3, 2010

Middle diagram, part number correction, changed 6W11-4 to 6W4-4

Detail in circle: top corner of the web 65W4-1 is cut on a diagonal

65W4-1, Rev 1. change top flange from 21 to 25, bottom flange from 20 to 22, dl from 322 to 335

65W4-2, Rev 1. change top flange from 20 to 19, bottom flange from 20 to 22, dl from 278 to 279

6-W-5 date Jan 26, 2010

6-W-6 date Feb 25, 2010

6-W-7 date Dec 7, 2011

6-W-7-1 make channel in 2 pieces, change length from 3525 to 1830 (new part numbers 6-W-7-1i REV 1 I/B section Qty=1L+1R), 6-W-7-1o O/B section Qty=1L+1R)

SPLICE REAR CHANNEL with longer doubler 6W11-19 overlap with inboard section of channel = 140mm

6-W-8 date July 5, 2011

Text bottom right of page: "TOP SKIN: first hole at 10mm from I/B end of aileron skin. Flap stop ref 6-S-3-1"

6-W-9 date Jan 23, 2010

6-W-10 date Feb 6, 2012

Location of Aileron stops 6W10-4 change 130 to 150

6W10-1 Rev 1 Changed 85 to 48 (distance from pivot to aileron rod end bolt; to decrease aileron stick forces)

Adjusted the shape of the horn (no lightening hole).

6-W-11 date Dec 7, 2011

6W11-19 REV 1, change length from 230 to 440

6W11-20 REV 1, change length from 1810mm to 1935, change quantity = 4

6W11-14, changed description to WIDE RIB ANGLE

6W11-15 flange width from 19 to 18, change dl=57 to dl=51

6-W-12 date Jan 25, 2012

6W12-1 length =460

6-K-1 date 08/08

6-K-1 date Aug 9, 2011

6K1-1 fuel tank ends: deleted coordinates: The tank ends are 10mm smaller along the top and 9mm smaller along the bottom than the nose ribs: the aft edge is at 13mm to the spar web and the front at 22mm from the leading edge.

6K1-1 Add a return line fitting on the O/B tank end (corner)14mm from top and 14mm from aft side.

6-K-2 date Dec 15, 2011

Added text: "NOTE: CHECK FUEL FLOW PRIOR TO RUNNING THE ENGINE TO ENSURE PROPER FUEL FLOW AND TANK VENTING. FUEL FLOW SHOULD EXCEED TWICE REQUIRED FUEL FLOW AT MAXIMUM ENGINE RPM AT HIGH ANGLE OF ATTACK".

6-B-0 date Aug 9, 2010

6-B-1 date Feb 24, 2010

6-B-2 date Feb 23, 2010

6-B-3 date July 5, 2011

6B8-3 changed the quantity for the #12 holes, changed 7 to 4 and 8 to 4

6-B-4 date Feb 25, 2010

6-B-5 date July 5, 2011

Text bottom right of page: changed to "1-1/8" hole for flaps 6B19-1 and 6B19-2. Wait to drill hole until 6B19-5 is positioned.

6-B-6 date Aug9, 2010

6-B-7 date 08/08

6-B-8 date 01/09

6-B-9 date 08/08

6-B-10 date Nov 22, 2010

The extra rivet line in 6B10-5 is on the front side of the main spar.

6-B-11 date July 5, 2011

65B11-2 Rev 1, Changed length from 1904 to 1924

6-B-12 date Nov. 2, 2010

65-B-12-6 changed length from 835 to 856mm

65-B-12-2 Rev 1 revision to baggage back bulkhead coordinates.

308, 306, 300, 288,271, 246, 211, 189, 163, 131, 116, 99, 79, 53, 36, 22, 0

6-B-13 date Jan 25, 2012

Top right diagram, redrew 6B13-3 orientation of side flanges = up (previously shown down).

6-B-14 date Jan 25, 2012

Bottom right diagram: show the front set panel 65B15-4 side flange across the main gear attachment 6B11-4 (3 rivets)

6-B-15 date July 5, 2011

Location of cutout in front seat panel 65-B-15-5 , I/B aft corner is at 185 from I/B edge (side) and 185 from the front edge (change 195 to 185)

6-B-16 date July 5, 2011

Part number correction, bottom right : change 6C4-1 to 65C4-2

6-B-17 date Feb 25, 2010

6-B-18 date JAN 25, 2012

Added detail to show 6B13-3 overlapping the front flange of the arm rest side 6B18-1, rivet line A5 pitch 25 in side flange of angle and arm rest.

6-B-19 date Nov 22, 2010

6B9-9 dimension, change 14 to 140

Change 35mm from fuselage bottom to center line of control tube, to 40

6B19-10/1 change 40 to 44, added dimension for top flange = 20mm

6-B-20 date 08/08

6-B-21 date Feb 25, 2010

6-B-22 date 08/08

6-B-23 date 08/09

6-B-24 date 08/08

6-C-0 date Feb 26, 2010

6-C-1 date 08/08

6-C-2 date 08/08

6-C-3 date Nov 1, 2011

65-C-3-1 Rev 1 rear canopy frame New coordinates

6-C-4 date 08/11

365-052 COUNTERSUNK HEAD SCREW (far right middle diagram)

6-C-5 date 08/08

6-C-6 date June 23, 2010

6-G-1 date 08/08

6-G-2 date 08/08

6-G-3 date 08/08

6-S-3 date Feb 22, 2010

6-S-4 date 08/08

6-S-5 date Jan 23, 2010

6-ATO-1 date Jan 26, 2010

6-LLO-1 date 09/08

6-NSO-1 Date: 08/06

6-WFO-1 date 08/08

6-WLO-1 date Feb 1, 2010

6-PH-1 date 08/08

6-LRO-1 date Feb 24, 2010

6-TE-1 page removed

6-MBO-1 date Jan 26, 2010

Added optional L angle on outboard side of servo

6-JE-1 date 08/08 Jabiru engine mount

6-CE-1 date 08/08

6-YE-1 date 08/08

6-YE-2 date 08/08

6-DS-1 to 6-DS-3 date 08/08

6-TD-1 to 6-TD-3 date 08/08

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