

8 Aircraft Ground Handling and Servicing

8.8 Connecting folded Wings to Fuselage

1. Unlock the fairings between strut and wing/fuselage and slide them along the strut.
2. Withdraw the main wing securing bolt from the wing and place it nearby. Ensure that the bolt stays clean until remounted.
3. Remove the wing support aid bracket while a second person is supporting the wing at the wing tip.
4. Now the second person at the wing tip moves the wing slowly forward while securing that the wing does not spin around its axis. The weight of the wing is supported by its strut, therefore, the wing must never be lifted or pushed on top.
5. When the wing has reached its forward position, the person at the fuselage position has to rotate the wing to align both connection latches. Care has to be taken, that the surface of the wing is not damaged by the fuselage connecting latches.
6. When the connection latches between the fuselage and wing are aligned, the wing must be lifted by the person at the wing tip. The person at the fuselage must ensure that flap drive connection fits correctly into the bushing on the fuselage.
7. If all latches have engaged and the wing fits properly to the fuselage, the main bolt can be pushed into its support tube. To install the main bolt correctly, please use the special installation tool which comes with the aircraft. Now secure the bolt with the securing pin. The person at the wing tip can now release the pressure supporting the wing tip.

8. Inside the cabin, the pushrod quick fasteners MUST properly be connected and secured.

Insecurely connection, improper operation of control surfaces or insecure locked fasteners will lead to loss of control of the aircraft!! When in doubt contact your local REMOS dealer or service center.

9. Proceed in identical order with the second wing.

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8.9 Installing Horizontal Stabilizer

Like connecting the wings it is recommended to follow this procedure by two persons. One person is needed to hold the stabilizer in place, while the second person applying the two fixing bolts into their bushes through the fuselage tail. Afterwards each bolt have to be secured by a cowl pin.

Attention: Watch for the markings on the stabilizer bolts, because they are different in length! The forward bolt is marked by a "V", the rearward bolt by "H". At the end of each bolt you will find a little hole. Once the bolt is installed, this hole must be aligned with the appropriate hole of the stabilizer bush to fit the cowl pin.

Now you can connect the cable plug for the electric trim and the elevator pushrod (same as aileron connection). Finally attach the tail cover and fix it by the provided screws.

8.10 Final Check after Assembling

As final step, you have to attach the pitot tube and make sure, that all connections are fitted properly and secured as required. Make sure that all control surfaces are working without friction and full travel is provided.

8.11 Disassembling the Aircraft

To disassemble the aircraft you have to do the above described procedures in reverse order.

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Connecting folded wings to the fuselage

1. Unlock the fairings between the strut and the wing/fuselage and slide them along the strut.
2. Withdraw the main wing securing bolt from the wing and place it nearby. Ensure that the bolt stays clean until remounted.
3. Remove the wing support aid bracket while a second person supports the wing at the wing tip.
4. Now the second person at the wing tip moves the wing slowly forward while ensuring that the wing does not spin around its axis. The weight of the wing is supported by its strut, therefore, the wing must never be lifted or pushed down from the top.
5. When the wing has reached its maximum forward position, the person at the fuselage position must rotate the wing to align both connection latches. Care must be taken that the surface of the wing is not damaged by the fuselage connecting latches.
6. When the connecting latches between the fuselage and wing are aligned, the wing must be lifted by the person at the wing tip. The person at the fuselage must ensure that the flap drive connection fits correctly into the bushing on the fuselage.
7. If all latches have engaged and the wing fits properly to the fuselage, the main bolt can be pushed into its support tube. To install the main bolt correctly, please use the special installation tool which comes with the aircraft. Now secure the bolt with the securing pin. The person at the wing tip can now release the pressure supporting the wing tip.

8. Inside the cabin, the pushrod quick fasteners **MUST** properly be connected and secured.

Insecure connection, improper operation of control surfaces or insecurely locked fasteners will lead to loss of control of the aircraft!! When in doubt contact your local REMOS dealer or service center.

9. Proceed in the same order with the second wing.

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Installing the horizontal tail

1. Hold the horizontal tail in place so that the bushings in the fuselage match up with those in the horizontal tail.
2. Apply the attachment bolts from left to right into their bushings. The forward bolt is marked by a "V", the rearward bolt by "H".
3. Align the hole of the attachment bolt with the one in the right bushing and secure the bolts with Fokker needles.
4. Connect the cable plug for the electric trim actuator

5. The pushrod quick fasteners **MUST** be connected properly and secured.

Insecure connection, improper operation of control surfaces or insecurely locked fasteners will lead to loss of control of the aircraft!! When in doubt contact your local REMOS dealer or service center.

6. Attach the tail cover and secure it with the screws provided. Connect the electric jack for the taillight.

After rigging the aircraft perform a preflight check.

8.5 Folding a Rigged Aircraft

To disassemble the aircraft, perform the above described procedures in reverse order.