Amendment of II.5 CREW

Solo flights may only be conducted from the front seat

With a crew of two, the pilot in command sits in the front seat – unless the occupants agree prior to the flight that the pilot in command sits in the rear seat. For the latter it is necessary, that all controls and instruments are available in the rear seat, and that the pilot is familiar with the operation of the aircraft from this position.
Concerning payload: Also regard the weight of non lifting members!

With pilot C.G. arm = 1185mm/46.65in
before datum point

With pilot C.G. arm = 1250mm/49.21in
= 80mm / 3.15in
before datum point

Hatched area = permissible range

r_R aft of datum

max 110kg Rear +110kg Front

min 70kg Front

max 100kg Rear +110kg Front

max 90kg Rear +110kg Front

Concerning payload: Also regard the weight of non lifting members!
The CG should be redetermined after repair, repainting or installation of additional equipment, but not later than 4 years after the last weighing.

The empty weight, empty weight CG position and maximum load should be recorded after each weighing on page 48 of the Flight Manual by a competent person.

### VI.2 Empty Weight CG Position

With the empty weight CG according to the below-mentioned limits and the pilot weights according to the load table, the in-flight CG will be in the approved range.

<table>
<thead>
<tr>
<th>Empty weight</th>
<th>CG forward</th>
<th>CG aft</th>
</tr>
</thead>
<tbody>
<tr>
<td>daN</td>
<td>lbs</td>
<td>mm</td>
</tr>
<tr>
<td>350</td>
<td>770</td>
<td>800</td>
</tr>
<tr>
<td>360</td>
<td>792</td>
<td>784</td>
</tr>
<tr>
<td>370</td>
<td>814</td>
<td>769</td>
</tr>
<tr>
<td>380</td>
<td>836</td>
<td>754</td>
</tr>
<tr>
<td>390</td>
<td>858</td>
<td>732</td>
</tr>
<tr>
<td>400</td>
<td>880</td>
<td>712</td>
</tr>
<tr>
<td>410</td>
<td>902</td>
<td>693</td>
</tr>
<tr>
<td>420</td>
<td>924</td>
<td>675</td>
</tr>
</tbody>
</table>
VI.1  WEIGHT and BALANCE Sheet

Concerning payload: also regard the weight of non lifting members

With pilot C.G. arm = 1185mm/46.65in before datum point

max 110kg Rear
+110kg Front

min 70kg Front

With pilot C.G. arm = 1250mm / 49.21in
= 80mm / 3.15in before datum point

Hatched area= permissible range

max 110kg Rear
+100kg Front

max 110kg Rear
+90kg Front

Rev.No. / Date Sig.
TN35-A US 01.Mar.12  mg