

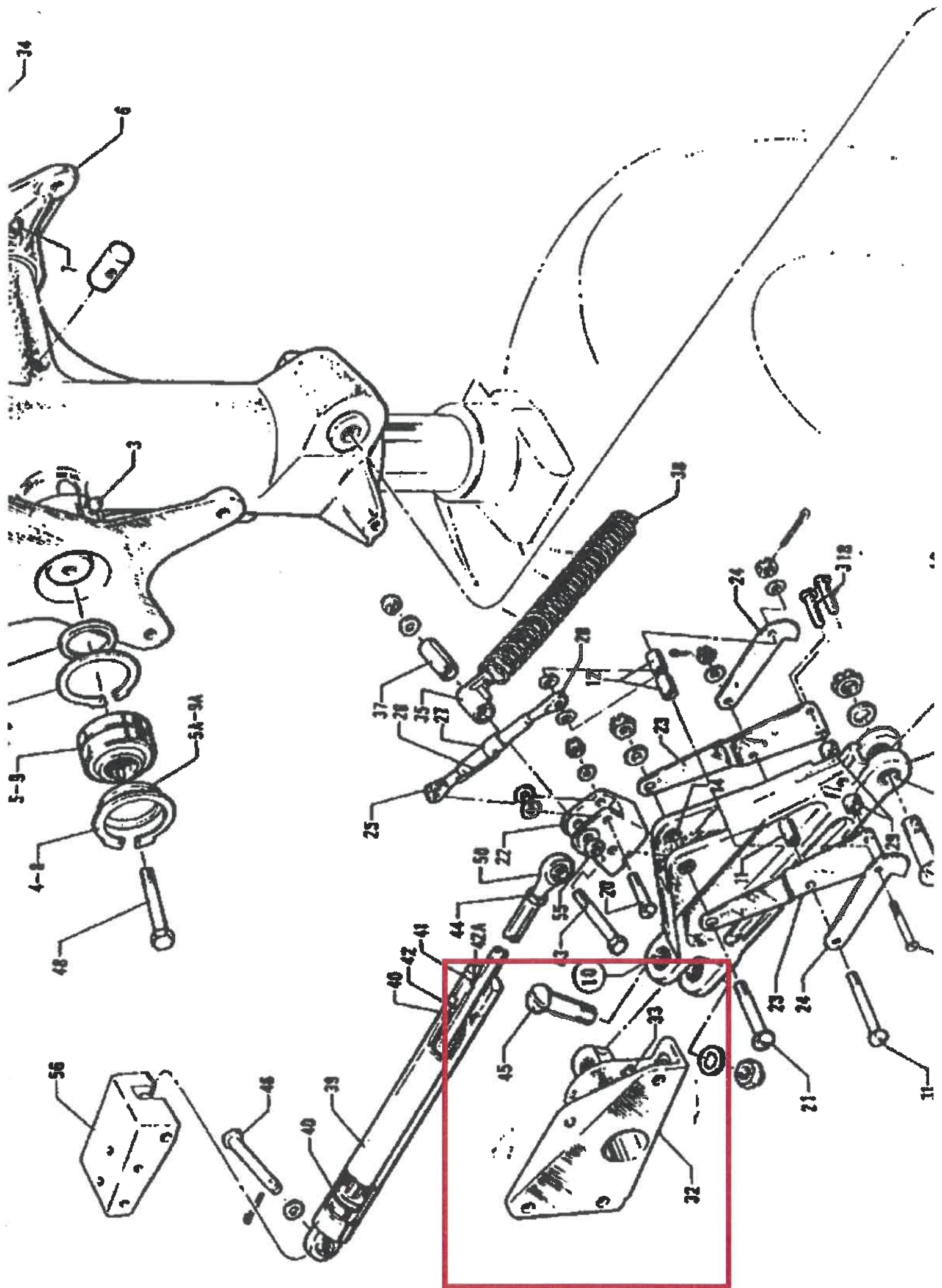


South African Civil Aviation Authority (SACAA)	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>	
	<b>RSA AD No: 2023-001</b>  <b>Issue Date: 8 March 2023</b>  The unsafe condition requires the immediate adoption of this Airworthiness Directive (AD). The Director of Civil Aviation (DCA) found that good cause exists for issuance of this AD, effective 30 days from date of issue: <b>Effective Date: 7 April 2023.</b>	
	This EAD is issued in accordance with Part 21 of the Civil Aviation Regulations, 2011 (SACAR) and continued airworthiness of an aircraft shall be ensured by accomplishing any applicable AD. Consequently, no person may operate an aircraft contrary to the provisions of this approved and issued AD, except in accordance with an exemption or alternative means of compliance issued in terms of Section 130 of the Civil Aviation Act, 2009 (Act No. 13 of 2009) read with SACAR Part 11.	
<b>Design Approval Holder Name:</b> Piper 28 and Piper 34  <b>FAA TYPE CERTIFICATE DATA SHEET(TCDS) No:</b> 2A13 Revision 63 Piper Aircraft, Inc and <b>TCDS No:</b> A750 Revision 24  <b>Foreign AD:</b> None  <b>Superseded:</b> None  <i>(Please note: If there is any AD that is similar to this AD, the more restrictive AD will apply)</i>	<b>Type/Model Designation (s):</b>  PA-28-140 PA-28-151 PA-28-150 PA-28-161 PA-28-160 PA-28-181 PA-28-180 PA-28R-201 PA-28-235 PA-28R-201T PA-28S-160 PA-28-236 PA-28S-180 PA-28RT-201 PA-28R-180 PA-28RT-201T PA-28R-200 PA-28-201T  PA-34-200 PA-34-200T PA-34-220T	
<b>ATA 57 – Piper 28 and Piper 34 Wing Spar</b>		
<b>Manufacturer(s):</b>	Piper Aircraft Inc	
<b>Applicability:</b>	This AD applies to PA 28 and PA 34 stipulated in Type Certificate Data Sheet (TCDS).	
<b>Reason / Unsafe Condition:</b>	<p>On multiple occasions it has been reported that the PA 28 and PA 34's have been found to develop cracks on the Wing main Spar, behind the main gear truss assembly with Part number 95643 and Part number 95643-500.</p> <p>It is suspected that the gear truss assembly bracket might be the cause of these cracks because the cracks seem to be occurring on the position where the gear truss assembly is contacting the main Spar. Therefore, it is suspected that due to the vibration of aircraft components during aircraft operation, the main gear truss assembly bracket might be hammering on the airframe where it is attached, thereby creating cracks on the main wing Spar where the bracket is mounted.</p>	

<b>Required Interim Action (s) and Compliance Time (s):</b>	<p>The actions required by this AD are interim actions and the DCA may take further actions in the future, hence compliance is required as indicated:</p> <p><b>Repetitive Inspections, Required Actions and Compliance Times:</b></p> <p>All PA 28 and PA 34 that have flown 9000 hours and above shall immediately conduct paint strip of the affected area and conduct a visual inspection, thereafter, conduct a visual inspection on the area at 300 hour intervals and if there is a suspicion of a crack after the visual inspection has been conducted, an eddy current inspection shall be carried out.</p>
<b>Related Information and remarks:</b>	<p>Owners and Operators are responsible for having actions required by this AD performed within the compliance time of the effective date, unless they have been granted, upon application, an exemption or recognition of alternative means of compliance in terms of Section 130 of the Civil Aviation Act, 2009 (Act No. 13 of 2009) read with SACAR Part 11.</p> <p>This AD is a final rule that involves requirements affecting flight safety and the DCA invites you to submit any written relevant data, views, or arguments regarding this AD.</p> <p>Enquiries or more information regarding this AD should be referred to the Aviation Safety Operations Department (ASO), Consistency and Standardisation Department (CSD), SACAA at contact details:</p> <p>Email: <a href="mailto:sdr@caa.co.za">sdr@caa.co.za</a>   <a href="http://www.caa.co.za">www.caa.co.za</a></p>
<b>Attachments:</b>	<p><b>FAA TYPE CERTIFICATE DATA SHEET(TCDS) No: 2A13 Revision 63 Piper Aircraft, Inc and TCDS No: A750 Revision 24</b></p> <p><b>PHOTOS OF AFFECTED AREA</b></p>
<p style="text-align: right;">09 MAR 2023</p> <b>Date:</b>	<p style="text-align: right;"></p> <b>Signature by Director of Civil Aviation:</b>



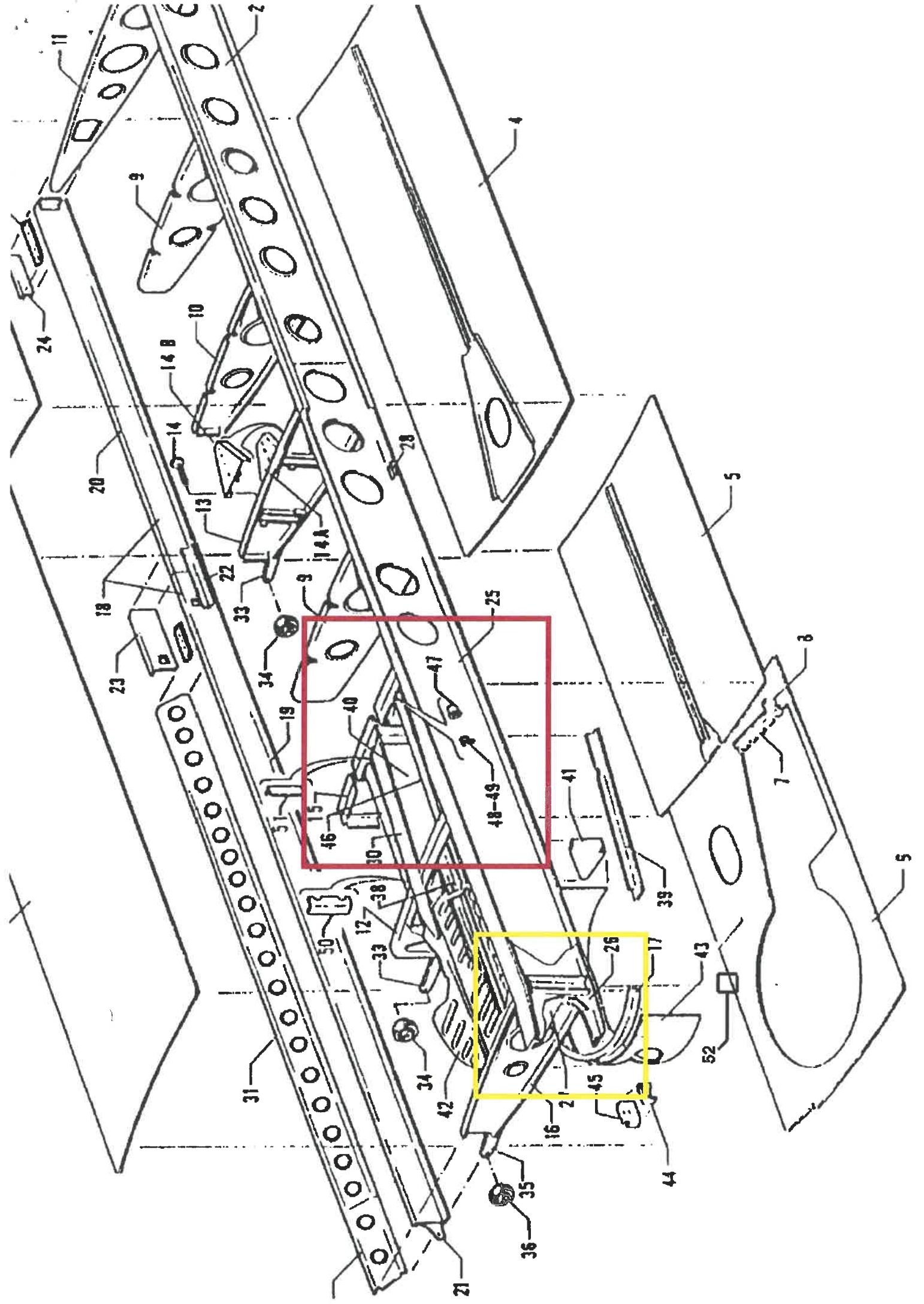


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