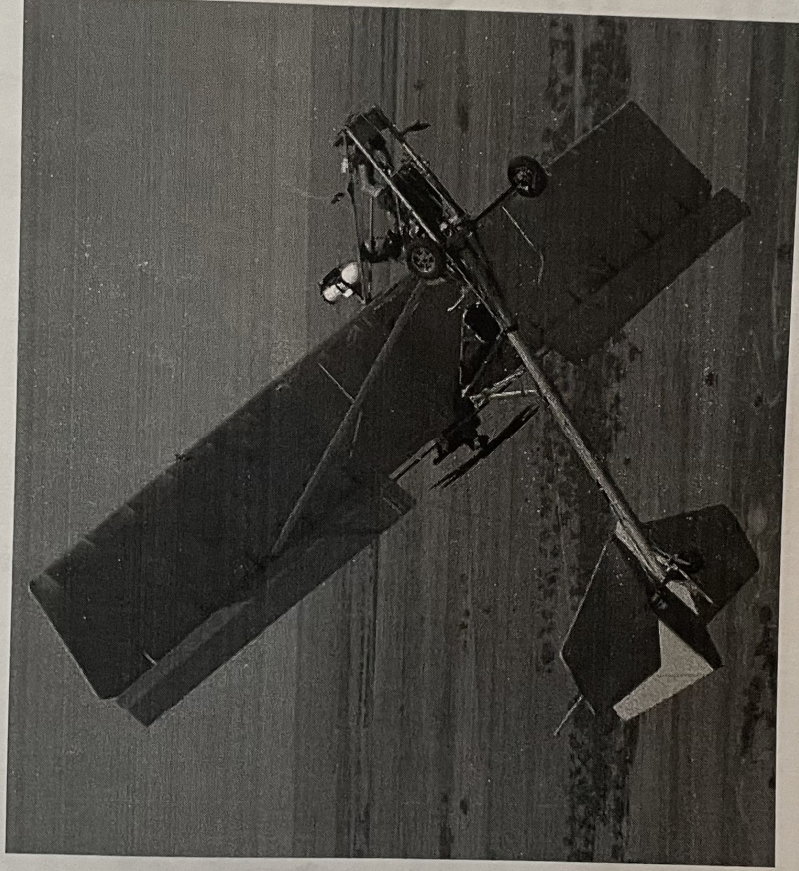


Bailey Moyes *Dragonfly* By Pitman Air



Maintenance Manual 582 Dragonfly & Assembly Manual 582 Dragonfly

This Manual only applies to SLSA Dragonfly Aircraft and ELSA Dragonfly Kits
Manufactured by Pitman Air, in the United States of America.

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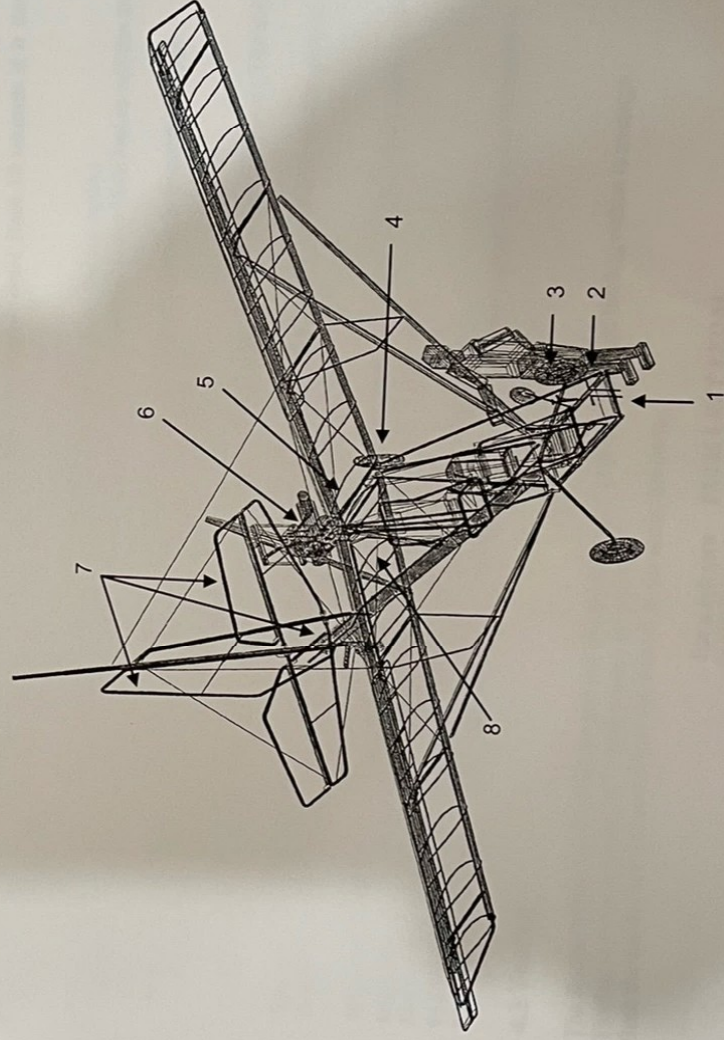
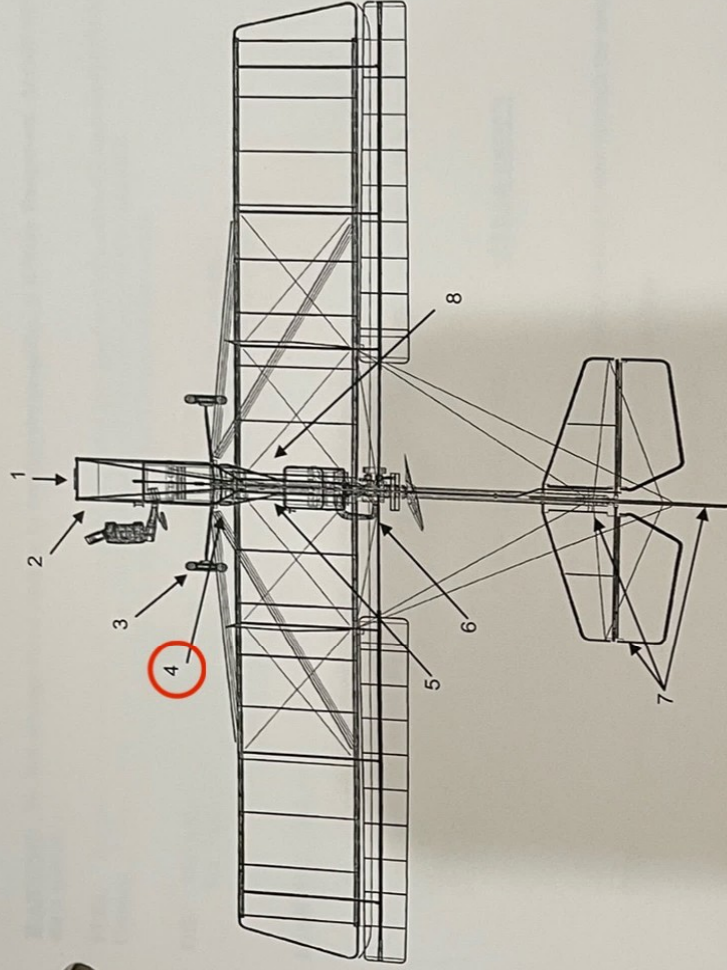
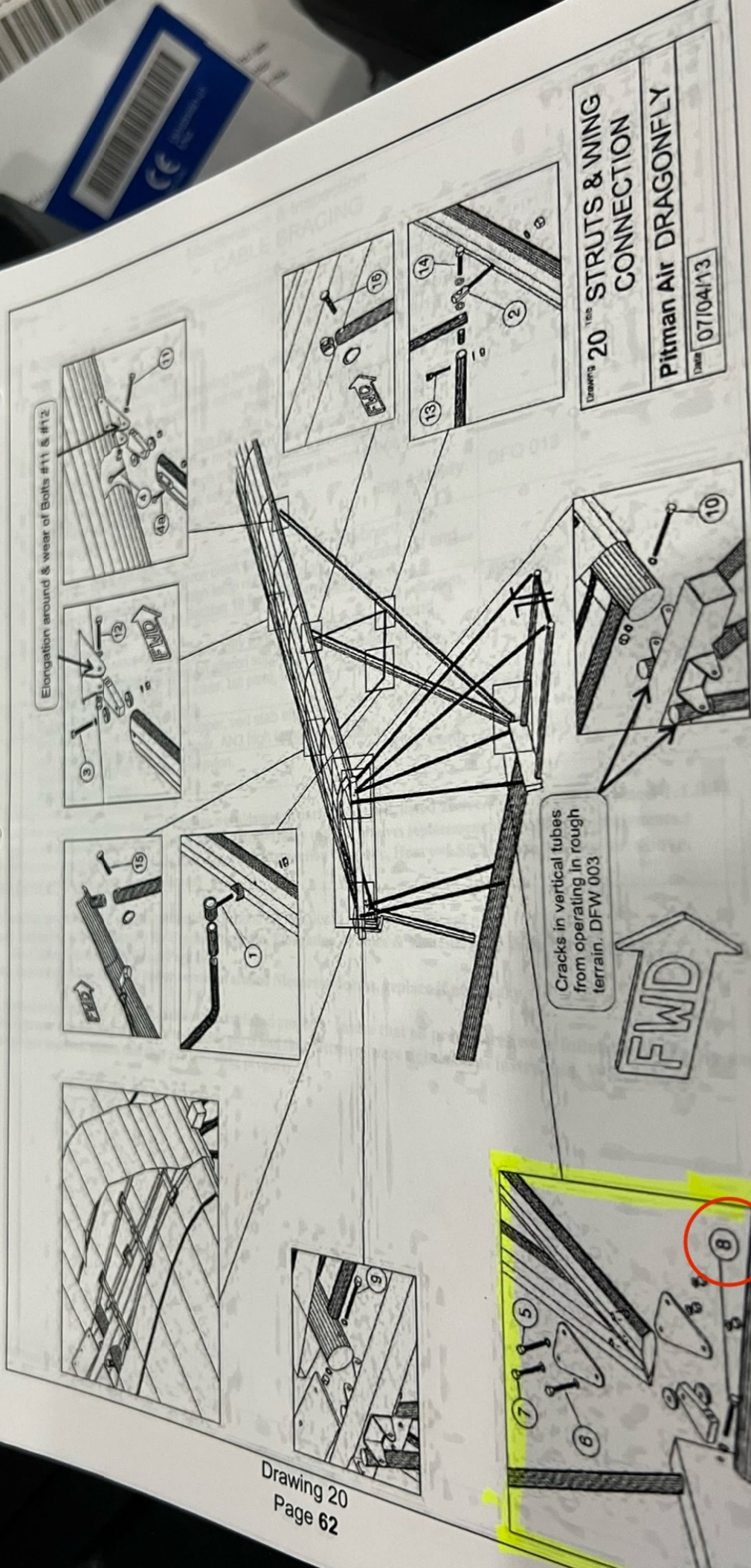
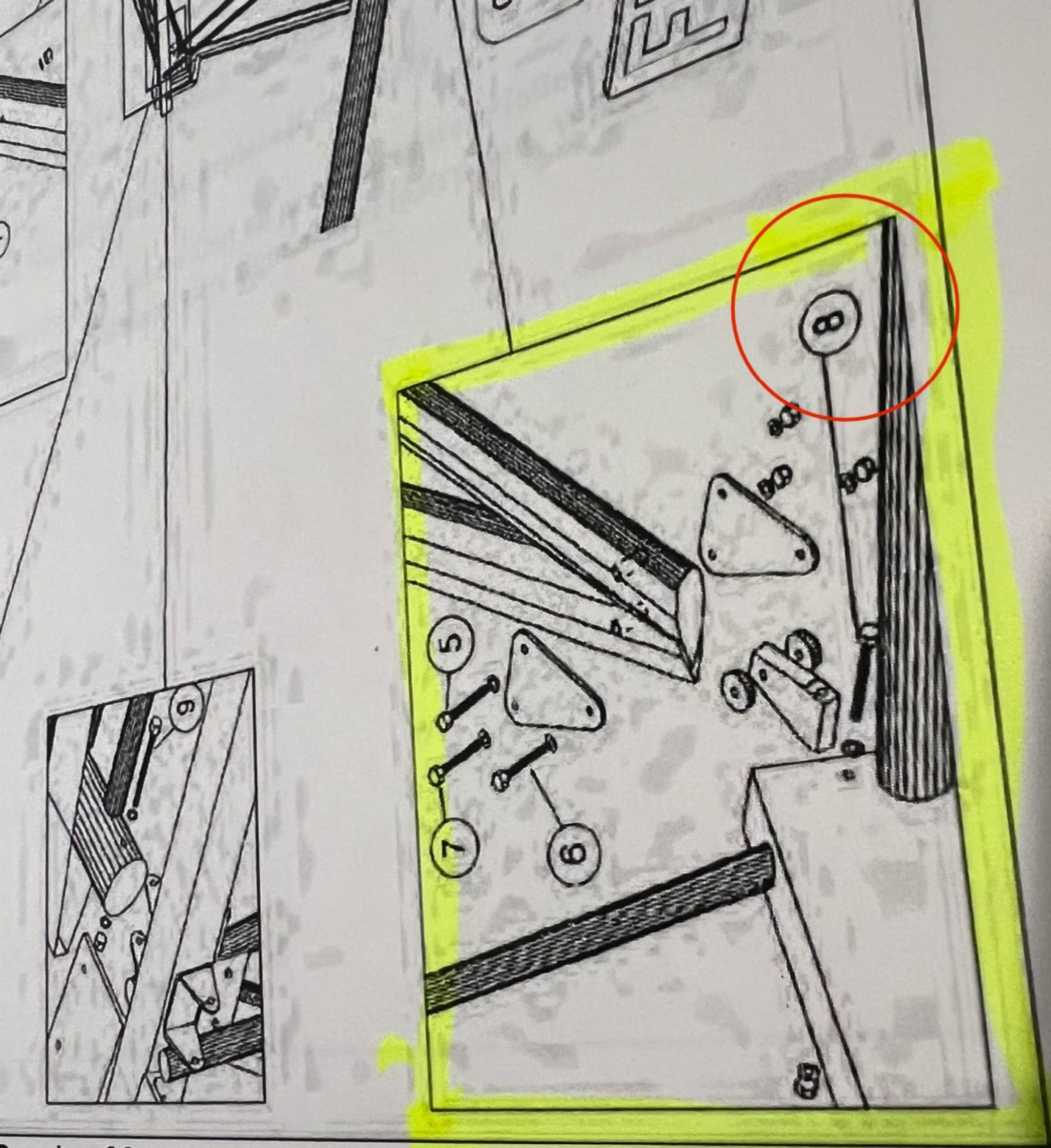


Figure 4 Preflight Areas

		saddle 1" relieved, strut aft, spacer strut 1", strut fwd,	DFP 038 DFH 001 DFG 003 DFH 002
2	Eyebolt AN43-15A, 1/4" washer, AN4 full nut. <u>Very tight.</u>		
3	Bolt AN5-15A, 5/16" washer, strut aft, spacer strut block, strut aft, 5/6" washer, AN5 half nut. <u>Very tight.</u> (Tube may be squeezed in vice to get parts into place).	spacer strut block, strut block, spacer strut block, strut fwd, tang strut, AN5 half nut. <u>Very tight.</u>	DFP 040 DFK 001
4	Bolt AN5-15A, strut fwd, spacer strut block, strut block, spacer strut block, strut aft, spacer strut 1", strut aft, strut plate C, 1/4" washer, AN4 half nut. <u>Very tight.</u>	tang strut, AN5 half nut. <u>Very tight.</u>	DFO 029
4a	Bolt AN4-15A, tang strut, strut fwd, tang strut, AN4 half nut.		
5	Bolt AN4-17A, 1/4" washer, strut fwd, strut plate C, 1/4" washer, AN4 half nut. <u>Very tight.</u>	strut plate C,	DFL 006
6	Bolt AN5-17A, 5/16" washer, strut plate C, strut fwd, spacer strut block, strut block, spacer strut block, strut fwd, strut plate C, 5/16" washer, AN5 half nut. <u>Very tight.</u>		
7	Bolt AN4-17A, 1/4" washer, strut plate C, strut aft, spacer strut 1", strut aft, strut plate C, 1/4" washer, AN4 half nut. <u>Very tight.</u>		
8	Bolt AN4-23A, 1/4" washer, bulkhead, strut block, bulkhead, 1/4" washer, AN4 high temp nut. <u>Loose.</u>		
9	Bolt AN4-32A, 1/4" washer, wing comp strut saddle channel brkt, wing spar trailing edge, wing comp strut saddle channel brkt, 1/4" washer, AN4 high temp nut. <u>Loose.</u>		
10	Bolt AN4-32A, 1/4" washer, wing comp strut saddle channel brkt, wing spar leading edge, wing comp strut saddle channel brkt, 1/4" washer, AN4 high temp nut. <u>Loose.</u>		
11	Bolt AN4-22A, 1/4" washer, strut plate A, strut block, strut plate B, 1/4" washer, AN4 high temp nut. <u>Loose.</u>		
12	Bolt AN4-22A, 1/4" washer, strut plate A, strut block, strut plate B, 1/4" washer, AN4 high temp nut. Tighten bolts #8-12. <u>Very tight.</u>		
13	Slide over Slide through jury strut conn aft. Bolt AN3-10A, 3/16" washer, jury strut aft, jury strut oversleeve aft, jury strut aft.		DFP 039 DFE 001
14	jury strut aft, 3/16" washer, AN3 half nut. <u>Very tight.</u> Bolt AN3-12A, 3/16" washer, eyebolt, 3/16" washer, threaded insert 1/2" x 10/32. <u>Very tight.</u>	threaded insert 1/2" x 10/32,	DFO 040
15	jury strut aft, threaded insert 1/2" x 10/32, jury strut aft, Clevis pin 3/16" x 3/4", ring - safety.	jury strut fwd,	DFE 004
16	Clevis pin 3/16" x 3/4", jury strut fwd, threaded insert 1/2" x 1 1/4" 28 TPI x 1 1/4", jury strut fwd, ring - safety.	Clevis pin 3/16" x 3/4", ring - safety.	DFT 301 DFQ 013
*	Connect wing tension bar upper and wing tension bar lower with Pull tight. Tie off loose ends. Put wing gap cover in place on bottom of wing. Run seat belt.	wing struts	DFP 000





Drawing 20