

May, 1973

Issue 1.

TECHNICAL INSTRUCTION No. 57

Kestrel Modification No. 15

Provision For Take Off Position On The Landing Flap

This modification is optional and may be embodied on all marks of Kestrel Gliders.

Procedure

1. Remove the instrument panel from the aircraft.
2. Remove the cover from the instrument pedestal.
3. With the landing flap lever set the flaps to  $14^{\circ}$  droop with the cambar flap set in the 0 position.
4. Mark the position of the slot required to hold the flaps at this angle and remove the operating lever from the arm.
5. Make the new slot in the lever and paint the aft section of the lever yellow (but not the actual hand grip) see diagram.
6. Refit the lever, cover and instrument panel and finally check that the flap lies in between the limits of  $14^{\circ} \pm 2^{\circ}$ .
7. The modification gives rise to the following additional speed limitations on all Kestrels. This must be included in the placard before the aircraft is flown.

Flap Setting

Speed Vne.

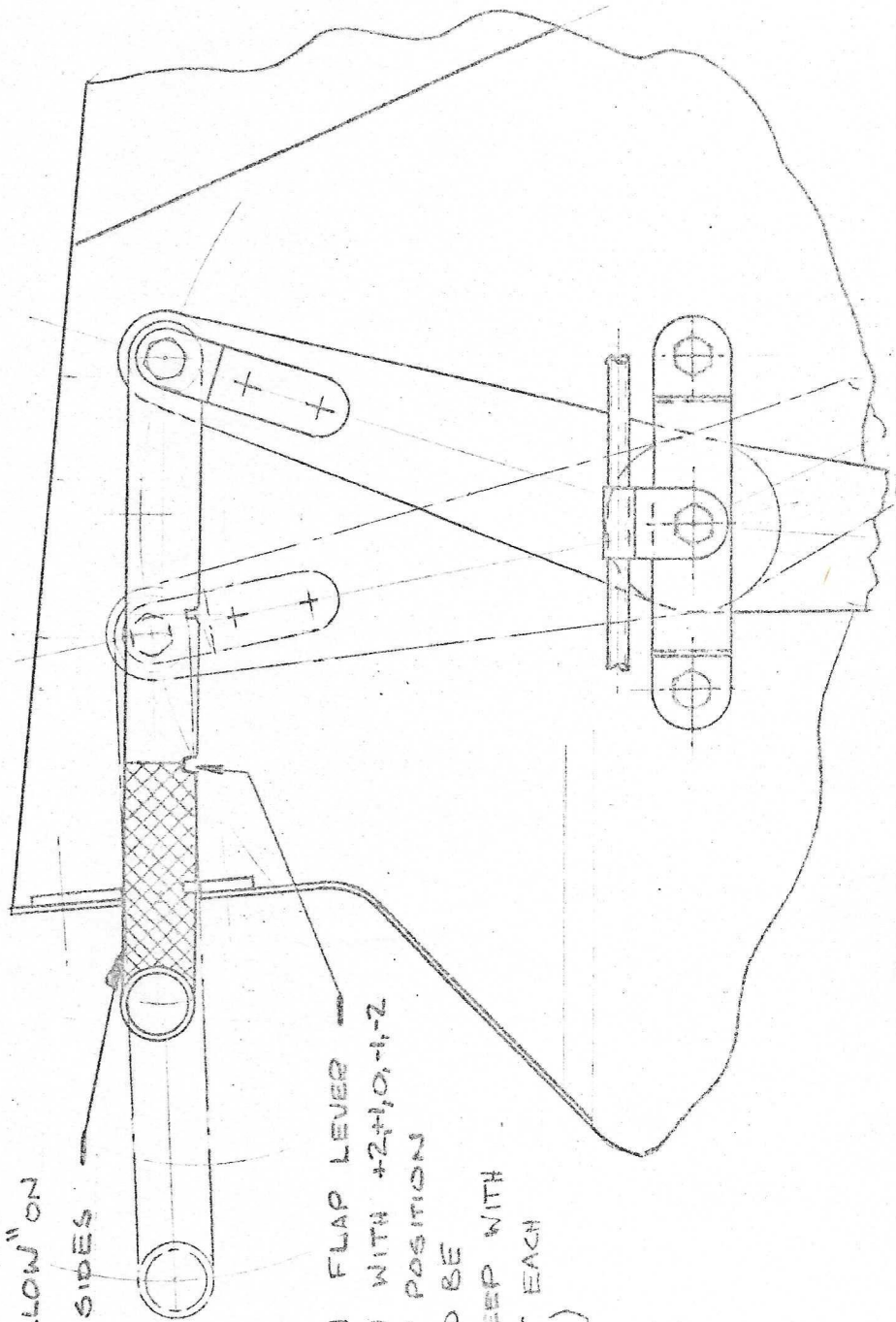
0 with  $\frac{1}{2}$  Landing  
Flap

70 Kts.

MOD. TO LANDING FLAP LEVER

TO GIVE "TAKE OFF" FLAP POSITION

SHADED AREA TO BE  
PAINTED "YELLOW" ON  
ALL FOUR SIDES



CUT NEW SLOT IN FLAP LEVER  
TO GIVE  $14^{\circ} \pm \frac{3}{2}$  DOWN WITH  $+2H/O, -1, -2$   
FLAP LEVER IN 'O' POSITION  
(SLOT DIMENSIONS TO BE  
 $2.2 \frac{1}{4}$  WIDE X  $4 \frac{1}{4}$  IN DEEP WITH  
 $1 \frac{1}{4}$  X  $45^{\circ}$  CHAMFER AT EACH  
SIDE OF ENTRANCE)