

Slingsby Engineering Limited

Technical Instruction No. 88

Vega Modification No. 27

Slingsby T65A Vega Glider

Mandatory Modification of Main Spar Shear Web

INTRODUCTION

Following an investigation into the loss of a Vega aircraft during the Italian National Championship Slingsby Engineering Limited, in consultation with Civil Aviation Authority, have decided to modify all Vega aircraft and to restrict unmodified aircraft until such time as the modifications are embodied.

APPLICABILITY

This Technical Instruction is applicable to all T65A aircraft up to and including Works Number 1913.

COMPLIANCE

This modification has been made mandatory by the Civil Aviation Authority and British Gliding Association and must be embodied before March 31st 1980. Until this time the aircraft may fly with the restrictions listed below.

RESTRICTIONS APPLICABLE BEFORE MODIFICATION ACTION

1. Those aircraft registered with C.A.A. may only fly in the special category.
2. VNE and rough airspeed are restricted to 95 kts, as attached placard.
3. Maximum all-up weight is limited to 775 lbs, as attached placard.

PROCEDURE

The individual owner will be contacted by Slingsby Engineering Limited who will modify all affected aircraft.

VICKERS-SLINGSBY  
T65A VEGA 15m

FLIGHT LIMITATIONS. - PRE MOD 27

Flap setting +8° to -8°	Speed Vne 95 kts ( 176 km/h)
Airbrakes open	95 kts ( 176 km/h)
<u>Rough air</u>	<u>95 kts</u> ( 176 km/h)
Aero tow	95 kts ( 176 km/h)
Winch/Autotow	70 kts (129.7 km/h)
Weak link	1000 lbs. (453.6 kgs.)
Cloudflying T/S fitted	YES
Non aerobatic	

The following are the only manoeuvres permitted:-  
Loop, spin, stall turn, chandelles, lazy eights, and tight  
turns up to 3.5G

**WEIGHT SCHEDULE. - PRE MOD 27**

Aircraft type: T65 VEGA 15m

Constructors No.

Registration No.

The undermentioned items of equipment only are included in the empty weight:-

The empty weight is ..... lbs (..... kgs).

The tare C.G. at this weight is ..... aft of the datum.

The datum is defined as the wing leading edge at the root end with the aircraft in the rigging position, i.e. fuselage datum pins horizontal.

The maximum permissible A.U.W. is **775 lbs (351.5 kgs)**

The maximum A.U.W. without water ballast is 775 lbs (351.5 kgs).

The maximum landing weight is **775 lbs (351.5 kgs)**

The aircraft was weighed at Kirkbymoorside on .....

.....  
Chief Inspector  
VICKERS SLINGSBY

Date: ..... Authority: DAI/2243/46.