



# THE GLIDING FEDERATION OF AUSTRALIA

BUILDING 130, WIRRAWAY ROAD, ESSENDON AIRPORT, VICTORIA 3041.

## AIRWORTHINESS ADVICE NOTICE GLIDERS/POWERED SAILPLANES

GFA/AN 53

GENERAL 8

Issue 1

3/12/82

Sheet 1 of 1

TYPES AFFECTED: All gliders and Powered sailplanes

SUBJECT: Conspicuity markings

BACKGROUND: The Airspace Seminar 1980 raised the campaign See and be Seen. The BGA general principle is gliders, which because of their colour are inconspicuous, should be rendered more conspicuous by applying bright colours (orange or flame) preferably fluorescent. As coloured surfaces absorb more heat, this appreciably weakens the resin used in the construction of glass fibre gliders and it is strongly recommended that colouring in such cases is limited to those areas given below.

### FRP COLOUR LIMITATIONS:

- (a) Wings and ailerons; within 500mm of the tips, upper and lower surfaces. Nowhere else.
- (b) Fuselage; around the front 250mm of the nose and under the nose and cockpit area. Nowhere aft of the wing leading edge.
- (c) Fin (T Tail): Nowhere
- (d) Fin (Conventional tail): top 250mm.
- (e) Rudder; top 250mm and at bottom below the operating mechanism.
- (f) Tailplane and elevator; nowhere.

The above dimensions are for guidance and the advice of the CTO/A should be sought if it is desired to colour significantly greater areas or different locations.

### RECOMMENDATION:

GFA supports the policy of See and be Seen, to promote in-flight safety. The amount of paint involved is minimal resulting in little expense, accordingly GFA strongly recommends conspicuously painting gliders and powered sailplanes.

Best colour: "Dayglo Flame" is considered the best colour.

MIKE BURNS.

CHIEF TECHNICAL OFFICER

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