



PILOTS NOTES
FIREFLY T67M-MkII

SECTION 1 LEADING PARTICULARS AND DIMENSIONS

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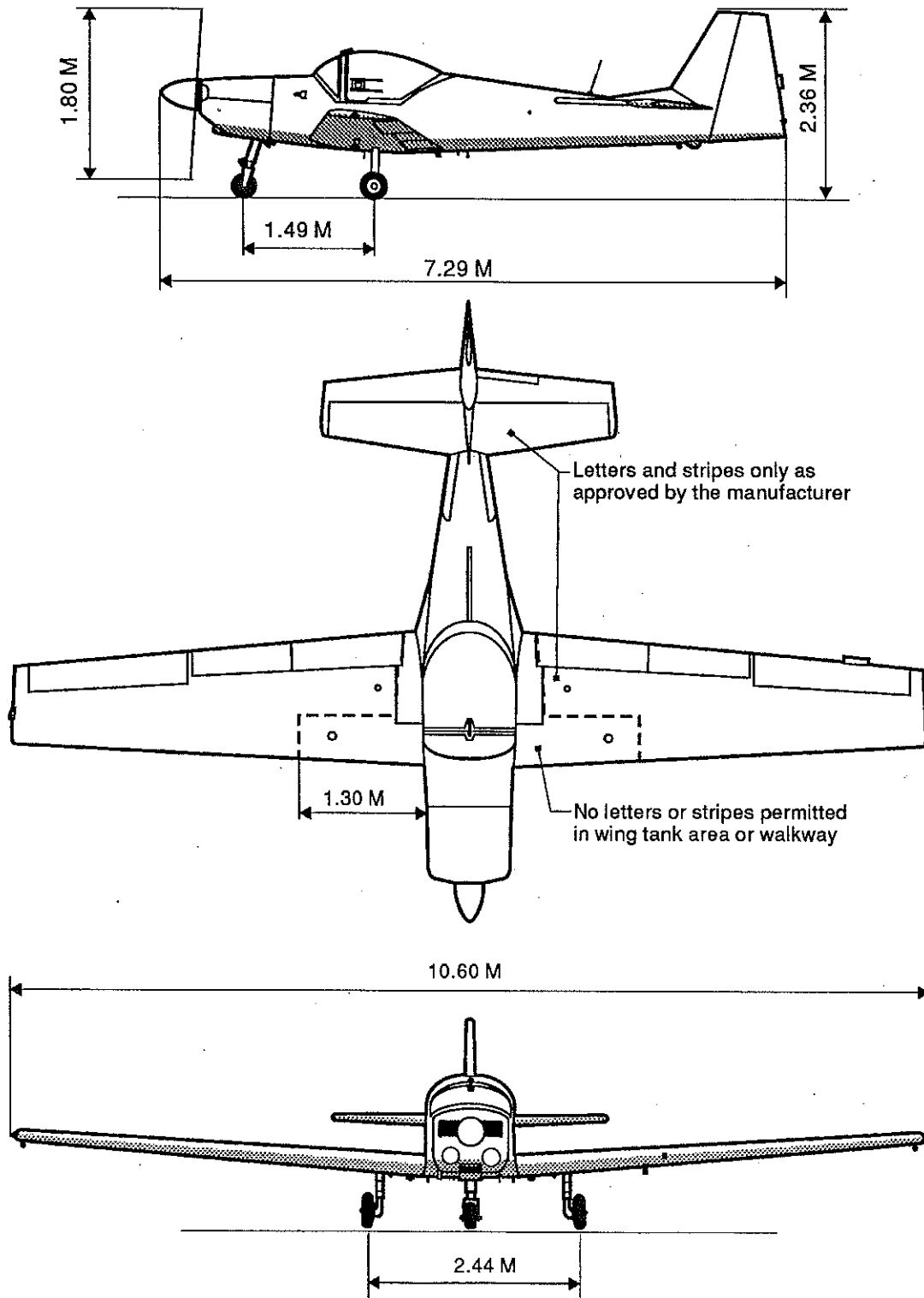


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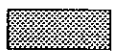
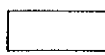
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> 1.1 3 VIEW PLAN WITH PAINT RESTRICTIONS



KEY TO COLOUR RESTRICTIONS

 Unrestricted  Only colours approved by the manufacturer

(Lighter colours and shades are preferable to dark ones)



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Tailplane

Fixed surface area	1.65m ²
Incidence to fuselage reference	+1°
Elevator surface area	0.99m ²
Movements	Up 22° +2° Down 20° +2°
Trim tab movements	Up & Down 24° +6° -2°
Elevator mass balance	100% +5% -0%

Fin

Surface area	0.80m ²
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Rudder

Surface area	0.81m ²
> Rudder movements(Pre Mod 458)	Each side 30°+2°
(Post Mod 458)	Each side 30°+1° <

Undercarriage

Tricycle Type

Nosewheel shock absorber	oleo-pneumatic pressure 7 bar (100 psi)
Mainwheel shock absorber	oleo-pneumatic pressure 5.5 bar (80 psi)
Track	2.44m
Wheel Base	1.495m
Nosewheel Tyre	5.00 - 5 pressure 3.5 bar (50 psi)
> Mainwheel Tyre	6.00 - 6 pressure 1.7 bar (25 psi) (Pre Mod 468) pressure 2.4 bar (35 psi) (Post Mod 468) <

For ground movements and taxiing the nose wheel is connected to the rudder controls.



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Wheel Brakes

Mainwheels only. Cleveland disc brakes with duplicate toe brakes and with parking brake.

Propulsion Unit

Engine Lycoming AE10-320-D1B

Engine ratings 160 bhp at 2700 rpm

> Fuel ...AVGAS 100LL. Tank capacity 2 x 17.75 Imp Gall (161.4 litres total)
Usable fuel 2 x 17.31 Imp Gall (157.4 litres total) <

Oil MIL Spec. L-22851

Grade	SAE 15W-50 or 20W-50	All Temperatures
	SAE 60	Above 27°C
	SAE 40 or 50	Above 15.5°C
	SAE 40	from -1°C to 32°C
	SAE 40 or 30	from -18°C to 21°C
	SAE 20	Below -12°C

Straight mineral oil for first 50 hrs then ashless dispersant grade may be used.

An alternative warm air supply automatically opens if the engine air intake becomes blocked.

Propeller Hoffmann HO-V72L-V/180CB

Cockpit 2 seats side by side,
fixed windscreen, canopy tilting towards the rear.

Luggage 30 kg (66 lbs)