

CHAPTER

06

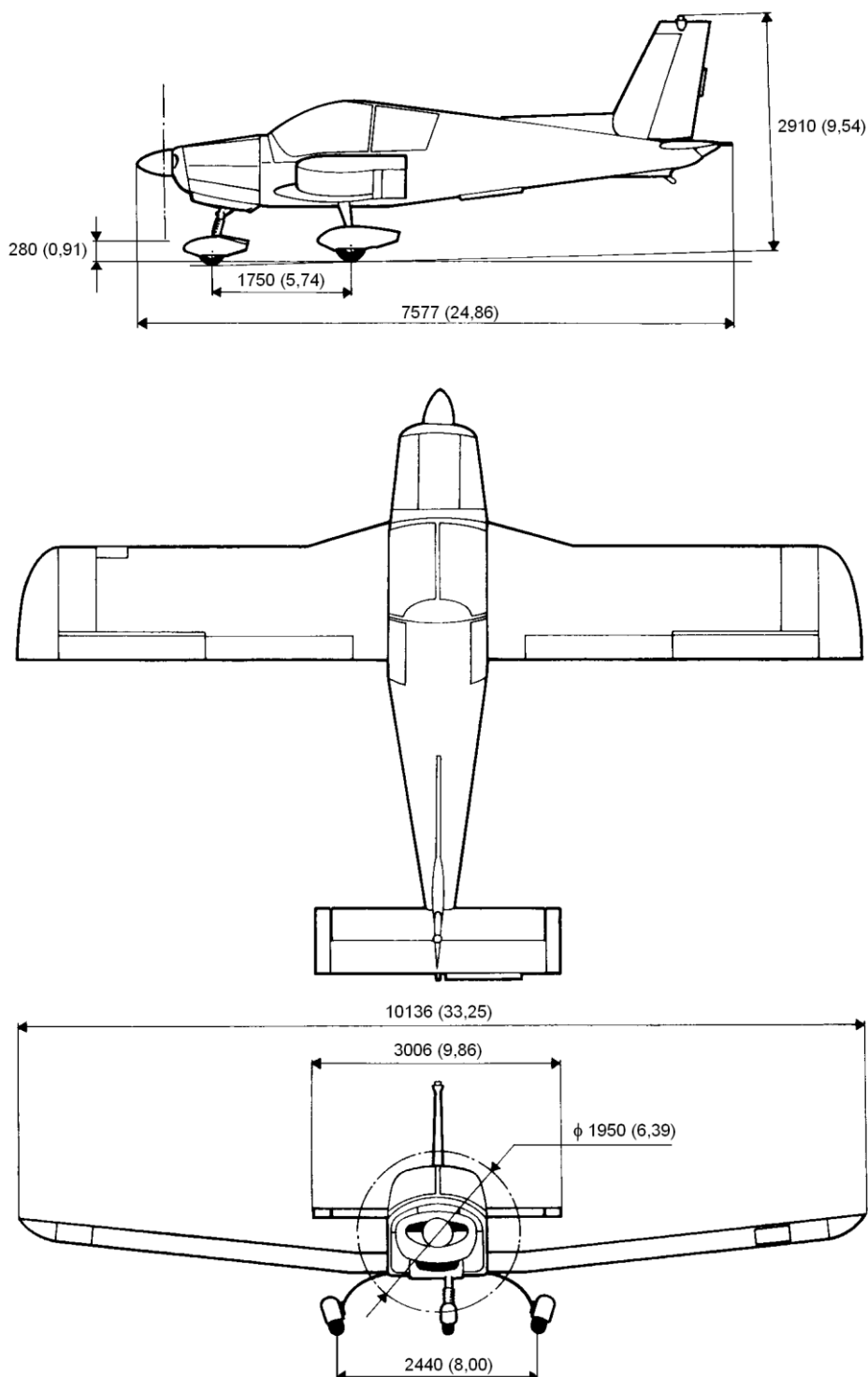
**DIMENSIONS AND
AREAS**

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3D VIEW OF AIRPLANE



NOTE

Dimensions are in millimeters (feet).

Fig. 06-1 Z143 L / Z 143 LSi airplane

EFFECTIVITY: All

06-10-00

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DIMENSIONS

OVERALL AIRPLANE DIMENSIONS

Wing span	10,136 m (399,05 in)
Lenght	7,577 m (298,31 in)
Height	2,910 m (114,57 in)

WINGS

Chord (constant)	1,420 m (55,91 in)
Dihedral	6°
MAC	1,4895 m (58,64 in)
Wing area	14,776 m ² (159,05 sq.ft)

AILERONS

Up deflection	21° ± 1°
Down deflection	17° ± 1°
Area 2 x 0,704 m ²	1,408 m ² (15,16 sq.ft)

WING FLAPS

Flaps RETRACTED	0°
Flaps in TAKE-OFF position	14° ± 1°
Flaps in LANDING position	37° ± 1°
Area of flaps 2 x 0,704 m ²	1,408 m ² (15,16 sq.ft)

STABILIZER

Elevator deflection:	up	$30^{\circ} \pm 1^{\circ}$
	down	$27^{\circ} \pm 1^{\circ}$
Elevator trim tab deflection:	up	$15^{\circ} \pm 1^{\circ}$
	down	$30^{\circ} \pm 2^{\circ}$
Area of fixed stabilizer		1,230 m ² (13,24 sq.ft)
Area of elevator		1,368 m ² (14,73 sq.ft)
Overall area of stabilizer		2,598 m ² (27,977 sq.ft)

FIN

Rudder deflection:	right	$30^{\circ} \pm 2^{\circ}$
	left	$30^{\circ} \pm 2^{\circ}$
Area of fin		0,540 m ² (5,87 sq.ft)
Area of rudder		0,810 m ² (8,72 sq.ft)
Overall area of fin		1,350 m ² (14,53 sq.ft)

LANDING GEAR

Wheel track	2,440 m (96,06 in)
Wheel base	1,750 m (68,89 in)

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