



Our Wings Carry Your Dreams

Part 61 - Manual of Standards
Private, Commercial and Advanced
Ratings

Fight Test Tolerances

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Introduction

When you sit your RPL/ PPL or CPL or advanced Ratings flight test there are a series of tolerances set out in the Manual of Standards – Schedule 8 that you are required to adhere too during the flight test.

The tolerances for the CPL or advanced Ratings flight tests are in some cases higher than for a RPL / PPL flight test. Sustained flight outside the tolerances specified will result in a failed test.

Tolerances for Private Flight Tests (RPL, PPL, Night VFR Rating)

Flight path or manoeuvre		Flight tolerances
Taxing aircraft		±1.5 metres of centreline
Nominated heading		±10°
Climb airspeed		-0 / +5 kts
Level off from climb and descent		±150 ft
Straight and level	Altitude	±150 ft
	IAS	±10 kts
Power descent		±10 kts
Glide		-5 / +10 kts
Turns		Angle of Bank ±5°
Turns onto nominated headings		Heading ±10°
Steep Turn		Heading ±10°
		Height ±150 Ft
Final approach airspeed		-0 / +5 kts
Landing	Touchdown	±120 m
	Centreline tracking	±2 m
Asymmetric flight	Heading – initial	±20°
	Heading – sustained	±5°
	IAS	-0 / +5 kts
Limited panel instrument flying	Heading	±15°
	IAS	±10 kts
	Height	±200 ft

Tolerances for Commercial and Advanced Ratings Flight Tests

Flight path or manoeuvre		Flight tolerances
Taxing aircraft		±1.5 metres of centreline
Nominated heading		±5°
Climb airspeed		-0 / +5 kts
Level off from climb and descent		±100 ft
Straight and level	Altitude	±100 ft
	IAS	±10 kts or ±M.02 Not below minimum approach speed.
Power descent		±10 kts
Glide		-5 / +10 kts
Turns		Angle of Bank ±5°
Turns onto nominated headings		Heading ±5°
Steep Turn		Heading ±10°
		Height ±100 Ft
Final approach airspeed		-0 / +5 kts
Landing	Touchdown	±60 m For ATPL, within the published touchdown zone relevant to the runway landing distance available.
	Centreline tracking	±2 m
Asymmetric flight	Heading – initial	±20°
	Heading – sustained	±5°
	IAS	-0 +5 kts
Limited panel instrument flying	Heading	±15°
	IAS	±10 kts or ±M0.02
	Height	±200 ft

Reference Material

Manual of Standards – Schedule 8

