



AIRJUDGE SCORE SHEET 6: Short field takeoff / Low level / Precautionary / Instrument / Forced

NAME:
NUMBER:

DATE:
CLUB:

AIRCRAFT: VH-
A/C TYPE:

**SHORT FIELD TAKEOFF
LOW LEVEL CIRCUIT 500'
PRECAUTIONARY SEARCH**

Nominated airspeeds	
Climb (best angle):	___ kts
Climb (best rate):	___ kts
Base:	___ kts
Final:	___ kts
Low pass:	___ kts

TAKEOFF	POINTS
Use of flap (assume obstacle)	4
Power up and brake release	4
Climb speed (best angle) +/- 5 kts	4
Retract flap safely and smoothly	4
Nomin. climb speed clear of 'obstacle'	4
TOTAL POINTS	20

**LOW LEVEL CIRCUIT
INITIAL LEG**

After takeoff checks	1
Track on extended runway centre line	1

CROSSWIND

Clear and correct turn onto crosswind	1
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DOWNWIND

Clear and correct turn onto downwind	1
Height 500' +/- 50'	4
Outside +/- 50'	0

PRE-LANDING CHECKS

Brakes - OFF	1
Undercarriage - DOWN/FIXED	1
Mixture - RICH, Primer - LOCKED	1
Fuel pump-ON Contents CHECKED	1
Harness & hatches - CHECKED	1

BASE

Clear and correct turn onto base	1
Flap 1 or 2 stages	3
Nil or 3 stages	0
Airspeed +/- 5 kts	4
> +/- 10 kts	0

FINAL

Clear and correct turn onto final	1
Turn completed 500' +/- 50'	4
> 550'	0
< 450'	-5
Airspeed +/- 5 kts	4
> +/- 10 kts	0
TOTAL POINTS	30

PRECAUTIONARY SEARCH

Approach control and flap	4
Height control 50' low pass	4
Direction control low pass	4
Speed control low pass	4
Field assessment	4
TOTAL POINTS	20

INSTRUMENT CLIMB

Nominated airspeed from x-wind
Climb _____ kts

INITIAL LEG	POINTS
Retract flap safely and smoothly	4
Track on extended runway centreline	4

CROSSWIND	POINTS
Heading +/- 5 degrees	6
+/- 10 degrees	4
+/- 20 degrees	2
> +/- 20 degrees	0
Airspeed +/- 5 kts	6
+/- 10 kts	4
+/- 15 kts	2
> +/- 15 kts	0

2nd TURN (15 degrees bank)	POINTS
Bank 10 - 20 degrees	6
5 - 30 degrees	3
0 - 45 degrees	0
Failed to take up heading	0
Incorrect height for turn	0
Height 1500' +/- 50'	6
+/- 100'	3
> +/- 100'	0

DOWNWIND	POINTS
Time 90 sec +/- 10 sec	6
+/- 20 sec	3
> +/- 20 sec	0
Height 1500' +/- 50'	6
+/- 100'	3
> +/- 100'	0
Heading +/- 5 degrees	6
+/- 10 degrees	3
> +/- 10 degrees	0

BASE TURN (15 degrees bank)	POINTS
Bank 10 - 20 degrees	6
5 - 30 degrees	3
0 - 45 degrees	0
Failed to take up heading	0
Incorrect height for turn	0
Airspeed +/- 5 kts	6
on climb +/- 10 kts	4
+/- 15 kts	2
> +/- 15 kts	0

BASE LEG	POINTS
Time 30 sec +/- 10 sec	6
+/- 20 sec	3
> +/- 20 sec	0
Height 3000' +/- 50'	6
+/- 100'	3
> +/- 100'	0
Heading +/- 5 degrees	6
+/- 10 degrees	3
> +/- 10 degrees	0
Airspeed +/- 5 kts	8
on descent +/- 10 kts	6
+/- 15 kts	4
> +/- 15 kts	0

FINAL TURN (15 degrees bank)	POINTS
Bank 10 - 20 degrees	6
5 - 30 degrees	3
0 - 45 degrees	0
Failed to take up heading	0
Incorrect height for turn	0
Height 2500' +/- 50'	6
+/- 100'	3
> +/- 100'	0
TOTAL POINTS	100

FORCED LANDING 2500'

Nominated airspeeds
Glide: _____ kts
Flap: _____ kts

	POINTS
Clear turn onto crosswind	1

TROUBLE CHECKS BEFORE BASE	POINTS
Carb heat - HOT	1
Fuel pump - ON check pressure	1
Fuel on - BOTH/CHANGE tanks	1
Mixture - RICH primer LOCKED	1
Oil pressure & temp - CHECK	1
Switches - CHECK each mag	1
Throttle linkage - CHECK	1

Clear turn onto downwind	1
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COMMUNICATION	POINTS
Distress message	3
PAX - stow loose objects	1
briefing - vacate A/C on LNDG	1

GLIDESPEED	POINTS
Airspeed +/- 5 kts	4
+/- 10 kts	0
> +/- 10 kts	-5

BASE	POINTS
Clear turn onto base	1
Flap 1 or 2 stages	3
Nil or 3 stages	0
Airspeed +/- 5 kts	4
+/- 10 kts	0
> +/- 10 kts	-5

SAFETY/SHUTDOWN CHECKS	POINTS
Brakes - OFF	1
Mixture - IDLE CUT-OFF	1
Fuel - OFF	1
Switches Mags & Master OFF	1
Hatches - UNLOCKED	1
Harness - TIGHT	1

FINAL	POINTS
Clear turn onto final	1
Flap Full	4
< Full	1
Nil	0
Airspeed +/- 5 kts	4
+/- 10 kts	0
> +/- 10 kts	-5

FINAL APPROACH CONTROL	POINTS
Good / Normal	4
Safe	2
Unsafe (erratic)	-10

LANDING	POINTS
Good / Normal	5
Safe	2
Poor (heavy rough bouncing)	-5
Unsafe (erratic)	-10
TOTAL AIR POINTS	50
TOTAL GROUND POINTS	50
TOTAL POINTS	100

OVERALL SCORE	270
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AIRJUDGE.....

FLYING TIME :

Competitors are responsible for ensuring that all parts of their performance have been scored. Nil score where un-scored.