

Lesson 12. Instrument Work, Compass, Unusual Attitudes, Short Field

Pre-Flight: 1.0 hr | Flight Time: 1.5 hr | Post-Flight: 0 hr

STUDENT	DATE		INSTRUCTOR
AIRCRAFT	N41459 Warrior	N1302B Luscombe	Ground only
FLIGHT TIME	GROUND TIME		

OBJECTIVE

Student develops instrument flying proficiency under the hood including compass turns, unusual attitude recovery. Introduction to short-field operations. Practice requesting and using radar services (flight following).

LESSON STEPS

Check each step as it is completed. Leave anything not done blank. Sign and date once at the bottom.

Preflight discussion - Student directs

PA.I.H PA.I.A PA.I.B

Preflight inspection - Do

PA.II.A

Engine start and taxi - Do

PA.II.C PA.II.D

Pre-takeoff check - Do

PA.II.F

Radio communications and request flight following - Do

PA.III.A PA.VIII.F

Straight-and-level flight (hood) - Practice

PA.VIII.A

Constant airspeed climbs (hood) - Practice

PA.VIII.B

Constant airspeed descents (hood) - Practice

PA.VIII.C

Turns to headings using magnetic compass (hood) - Directed performance

PA.VIII.D

Recovery from unusual flight attitudes (hood) - Directed performance

PA.VIII.E

Short-field takeoff and climb - Demonstration and directed performance

PA.IV.E

Short-field approach and landing - Demonstration and directed performance

PA.IV.F

Forward slip to a landing - Practice

PA.IV.M

Radar services practice (flight following for entire flight) - Practice

PA.VIII.F

Normal approach and landing - Do

PA.IV.B

ITEMS NEEDED FOR SUCCESS

- Preflight planning documents
- Airport Diagram
- Frequency quick list
- View-limiting device (hood/foggles)

COMPLETION STANDARDS

Meet the objective above. Each step is complete when performed to the standard of the lesson.

DEBRIEF AND SIGN-OFF

What went well, what to work on next lesson.

Sign once for the whole lesson. Steps left unchecked above were not completed this session.

INSTRUCTOR SIGNATURE / INITIALS

DATE