



SPORT PILOT TRAINING SYLLABUS

LESSON 4a: Flying without touching the stick Landing with air speed covered

Power off glide-30' Long wing Bristell

Slight nose high	airspeed – 45 KIAS
Level nose attitude	airspeed – 52 KIAS
5 degree nose down attitude	airspeed – 55 KIAS
10 degree nose down attitude	airspeed – 60 KIAS

Repeat without reference to airspeed.

TIME: 1 hour ground instruction and 1 hour simulator and 1 hour flight instruction

OBJECTIVE: 1. Teach how to control the aircraft without touching the stick.

2. Teach how to glide with sole reference to attitude in order to prepare for no airspeed takeoffs and landings.

3. Teach how to land with sole reference to attitude with the air speed covered

HOME STUDY: Read the Bristell POH.

New lesson items: Climb to a safe altitude and set the power to 5000 Rpm cruise. Trim for level flight. Have the student make turns to various headings without touching the stick. They can use flaps, trim, power, rudder or body shifting to control altitude and heading.

COMPLETION STANDARDS:

The lesson is completed when the student can make a 360 degree turn without touching the stick

The lesson is completed when the student is comfortable in glides without reference to airspeed.

The lesson is completed when the student can take off and land with sole reference to the aircraft's attitude without reference to airspeed.