

Warbird Adventures, Inc.

(800) 386-1593, (407) 870-7366

5-hour course syllabus in the North American T-6/SNJ.

This Syllabus is designed to cover most areas for the experienced tailwheel pilot to be able to act as PIC (Pilot In Command) in T-6/SNJ aircraft. It is designed around 5 hours of Flight time in addition to approximately 2 hours of ground instruction. This is an overview of the recommended curriculum, but does not cover all possible situations or emergencies. Warbird Adventures accepts no responsibility for any student's actions after the course has been completed. The actual flight training and how much time is spent on each subject will vary depending on the individual student's needs and desires.

I understand that Warbird Adventures assumes no liability and that I accept full responsibility for my actions in any aircraft after my training is completed.

Student: _____ Signed: _____ Date: ___/___/___

Certificate No: _____

First Flight: Scheduled for ___/___/___ at ___:___

Ground Instruction: Estimated: 45 minutes Actual: ___:___

Introduction: History of Aircraft, company & Instructor.

Student's experiences and goals.

Explanation of T-6 flight & ground characteristics. V-speeds.

Preflight inspection.

Stalls: Power On & Off, Accelerated and unloaded, Different attitudes, Different configurations.

Coordination maneuvers: Dutch rolls & Wingovers.

Aileron Rolls.

Loops.

Cockpit briefing: Controls, instruments, duties, bailout procedures.

Flight Instruction: 1 hour

Cold starts vs. Hot starts.

Taxi. Operation of Tailwheel steering mechanism.

Pre take off checklist. Cold & Hot engine.

Normal take off. (Instructor performs the first take off.)

Climbout procedures.

Dutch Rolls.

Aileron Rolls.

Wingovers.

Loops.

Slow flight: Straight, Left & Right turns.

Stall entries & recoveries

Power On Stalls: Straight, Left & Right turns.

Power Off Stalls: Straight, Left & Right turns.

Stalls: Landing Gear and/or Flaps up and down.

Student Contact Information:			
Address:	_____	_____	_____
Phone:	_____	_____	_____
Fax:	_____	_____	_____
E-mail:	_____	_____	_____

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Accelerated stalls: Straight, Left & Right turns, Up line, Down line and Inverted. (The up line, down line and inverted accelerated stalls will be done while performing loops.)

Aileron rolls on return trip.

Descent. Power reduction without shock cooling.

Normal pattern & Landing. (Instructor performs the first landing.)

1 normal take off, pattern & landing. (Student Flies.)

Taxi back with simulated 5 mph ground loop on the ramp.

Shut down procedures.

Debrief: Time as necessary.

Dub video tape of flight.

Instructor covers errors during the flight.

Students questions.

Assigned reading.

Signing of student's logbook.

Instructor: _____ Cert: _____ Exp: ____/____

Second Flight: Scheduled for ____/____/____ at ____:____

Ground Instruction: Estimated: 30 Minutes Actual ____:

Pattern procedures

The Go-around.

Cuban 8's & Reverse Cubans.

Barrel rolls: Navy and Air Force methods.

Hesitation Aileron rolls: 2, 4, 8 and 16 point.

Immelman.

Split-S.

Aborted take off.

Wheel landings.

Flight Instruction: 1 hour

Normal Take off

Aileron rolls on climb out.

Cuban 8's & Reverse Cubans.

Barrel rolls: Navy and Air Force methods.

Immelman.

Split-S.

Hesitation Aileron rolls on descent.

3-4 Normal and Wheel landings, normal patterns & takeoffs.

Aborted takeoff.

Debrief: Time as necessary.

Dub video tape of flight.

Instructor covers errors during the flight.

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Students questions.
Assigned reading.
Signing of student's logbook.

Instructor: _____ Cert: _____ Exp: ___/___

Third Flight: Scheduled for ___/___/___ at ___:___

Ground Instruction: Estimated: 30 Minutes Actual: ___:___

Short & Soft field take offs & Landings.

In-flight emergencies:

Electrical failure.

In-flight fires: electrical and engine.

Primary control surface failure.

Flap failures: Complete and differential.

Hydraulic failures: Landing gear, Flaps and brakes.

Landing gear system malfunctions.

Propeller runaway.

Engine failures: Partial and complete, high and low altitude.

Pitot/Static malfunctions.

Off field landings: Gear up & Down.

Flight Instruction: 1 hour

Short field take off. (Instructor will perform the first Short field take off.)

Students choice of rolls on climb out.

4-5 Short and Soft field operations. Normal patterns.

Simulated control failures.

Simulated engine failures.

Simulated off field landings.

5-6 normal patterns, landings and take offs with possible engine failures anywhere in the pattern.

Debrief: Time as necessary.

Dub video tape of flight.

Instructor covers errors during the flight.

Students questions.

Signing of student's logbook.

Instructor: _____ Cert: _____ Exp: ___/___

Fourth Flight: Scheduled for ___/___/___ at ___:___

Ground instruction: Estimated: 20 minutes Actual: ___:___

Cloverleaf.

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Differences between models.
Systems.
Cross wind technique: Crab vs. slip. Taxi, take off, landing and patterns.
Mooring.
Spins: Entries and recoveries, Normal, Accelerated and Flat. Upright and inverted.
The Touch & Go.

Flight Instruction: 1 hour

Cross wind take off. (The cross wind techniques may be covered earlier or later flights depending on weather.)
Clover leaf.
Cross wind landings, take offs and patterns.
Normal-, Wheel-, Soft-, Short-field operations as necessary. Touch and Go's as well as taxi backs.

Debrief: Time as necessary.

Dub video tape of flight.
Instructor covers errors during the flight.
Students questions.
Signing of student's logbook.

Fifth Flight: Scheduled for ___/___/___ at ___:___

Ground instruction: Estimate: 20 Minutes Actual: ___:___

Review of previous maneuvers.

Flight Instruction: 1 hour

Normal-, Wheel-, Soft-, Short-field operations as necessary. Touch and Go's as well as taxi backs.
Student's selection.

Debrief: Time as necessary.

Dub tape of flight.
Instructor covers errors during the flight.
Students questions.
Signing of student's logbook.

Instructor: _____ Cert: _____ Exp: ___/___

Remarks:
