

Warbird Adventures, Inc.

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

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

This Syllabus is designed to cover all necessary areas to be able to act as PIC (Pilot In Command) in T-6/SNJ aircraft. It is designed around 10 hours of Flight time in addition to approximately 4 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. Normally a tailwheel endorsement and a complex endorsement as per FAR 61.31 will be rewarded to the student upon completion of the 10 hours, however, this is not a guarantee. The actual flight training and how much time is spent on each subject will vary depending on the individual student's needs.

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.
Coordination maneuvers: Dutch rolls & Wingovers.
Aileron Rolls.
Loops.
Cockpit briefing: Controls, instruments, duties, bailout procedures.

Flight Instruction: 1 hour

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.
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.

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

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: ___:___

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

Flight Instruction: 1 hour

- Cold starts vs. Hot starts.
- Normal take off & climb out.
- 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.
- 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.
- 2-3 Normal landings, take offs and patterns.

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: ___/___

Third 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.

Flight Instruction: 1 hour

Normal Take off
Aileron rolls on climb out.
Cuban 8's & Reverse Cubans.
Barrel rolls: Navy and Air Force methods.
5-6 Normal landings, take offs, patterns and 1-2 Go-arounds.

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: ____/____/____

Fourth Flight: Scheduled for ____/____/____ at ____:____

Ground instruction: Estimated: 20 minutes Actual: ____:

Hesitation Aileron rolls: 2, 4, 8 and 16 point.
Immelman.
Split-S.
Aborted take off.
Wheel landings.

Flight Instruction: 1 hour

Normal takeoff.
Hesitation Aileron rolls on climb out.
Immelman.
Split-S.
Hesitation Aileron rolls on descent.
5-6 Wheel landings, normal patterns & takeoffs.
Aborted takeoff.

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: ____/____

Fifth Flight: Scheduled for ____/____/____ at ____:____

Ground instruction: Estimated: 20 Minutes Actual: ____:____

- Inverted flight.
- Slow rolls.
- Snap rolls over the top: The Avalanche.
- Short & Soft field take offs & Landings.

Flight Instruction: 1 hour

- Short field take off. (Instructor will perform the first Short field take off.)
- Students choice of rolls on climb out.
- Inverted flight. (This will performed only once.)
- Slow rolls. (This will be limited to this flight.)
- Avalanche. (This will be limited to this flight.)

Note: These maneuvers are very hard on the equipment we are trying to preserve.

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

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: ____/____

Sixth Flight: Scheduled for ____/____/____ at ____:____

Ground instruction: Estimated: 30 Minutes Actual: ____:____

- 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

Engine failure on take off.
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.
Assigned reading.
Signing of student's logbook.

Instructor: _____ Cert: _____ Exp: ____/____

Seventh Flight: Scheduled for ____/____/____ at ____:____

Ground instruction: Estimated: 30 Minutes Actual: ____:____

Cloverleaf.
Hammerhead.
Ground handling.
Differences between models.
Systems.
Cross wind technique: Crab vs. slip. Taxi, take off, landing and patterns.
Mooring.

Flight Instruction: 1 hour

Cross wind take off. (The cross wind techniques may be covered earlier or later flights depending on weather.)
Clover leaf.
Hammerheads. (This will be limited to this flight.)
Cross wind landings, take offs and patterns.

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: ___/___

Eighth Flight: Scheduled for ___/___/___ at ___:___

Ground instruction: Estimated: 20 Minutes Actual: ___:___

Spins: Entries and recoveries, Normal, Accelerated and Flat. Upright and inverted.
The Touch & Go.

Flight Instruction: 1 hour

Spin entries and recoveries: Left and right.
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.

Instructor: _____ Cert: _____ Exp: ___/___

Ninth Flight: Scheduled for ___/___/___ at ___:___

Ground instruction: Estimated: 10 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.

Debrief: Time as necessary.

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

Instructor: _____ Cert: _____ Exp: ___/___

Tenth Flight: Scheduled for ___/___/___ at ___:___

Ground instruction: Estimated: As necessary Actual: ___:___

Review of previous maneuvers.

Flight Instruction: 1 hour

Student's selection.

Debrief: Time as necessary.

- Dub video tape of flight.
- Instructor covers errors during the flight.
- Students questions.
- Signing of student's logbook. Tailwheel and High-performance/Complex endorsement as earned and necessary.
- Certificate of completion.

Instructor: _____ **Cert:** _____ **Exp:** ___/___

Remarks:
