

NAFI RUNWAY SAFETY TRAINING SYLLABUS



OBJECTIVE: To develop the pilot’s awareness of runway incursion avoidance and reinforce safe habit patterns that prevent such occurrences. This syllabus can be incorporated into any level of training curriculum or individual lesson planning.

STANDARDS: This lesson will be complete when the student has demonstrated the ability to consistently recognize, interpret, and correctly perform taxi and runway operations at both controlled and uncontrolled airports. In addition, the student will demonstrate basic habit patterns that are fundamentally conducive to preventing runway incursions. The oral activity can either be stand-alone or incorporated with an appropriate early parallel lesson within the certificate/rating being sought. The dual items should be incorporated within as many dual flight activities as possible for significant positive reinforcement.

ACTIVITY 1 ORAL

DISCUSS

- 1.) Preflight Planning
- 2.) Runway Layout/Airport Diagrams/Locations of Hotspots/Airport Facilities Directory
- 3.) Runway/Taxiway Markings
- 4.) ATC Communications
- 5.) The Progressive Taxi
- 6.) “Position and Hold” Expectations and Cautions for the Pilot
- 7.) Clearing the Active Runway and Associated Hazards with Nearby Active Runways
- 8.) Maintaining Situational Awareness
- 9.) Towered Airports/Non-towered Airports
- 10.) FAA Runway Surface Training CD Review

Notes: _____

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ACTIVITY 2 DUAL

PREFLIGHT BRIEFING

DISCUSS

- 1.) Cockpit Familiarization
- 2.) ATC Communication Expectations
- 3.) Maintaining Situational Awareness
- 4.) Aeronautical Decision Making

INTRODUCE

- 1.) Preflight Planning and Use of Airport Diagram
- 2.) Cockpit Management
- 3.) Progressive Taxiing at Unfamiliar Airports
- 4.) Airport Signage Locations
- 5.) Multiple “Hold Short” Indicators Identification
- 6.) ATC Compliance and “Say Again” Repeat Communications Process
- 7.) Taxi Action “Uncertain” Procedures and ATC Assistance
- 8.) “Position and Hold” Cross Checks
- 9.) Clearing Active Runways Following Landing
- 10.) Parking and Securing

POSTFLIGHT CRITIQUE

Notes: _____

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ACTIVITY 3 FIELD TRIP

A helpful part of pilot training is an actual visit to a nearby ATC facility. This activity will be complete when you and your student have taken time to tour the TRACON (if applicable) and tower facility. Make sure that the student feels comfortable to ask questions, and gains insight into what it is like to be a controller on the other side of the microphone. *Please note: Security requirements and tour availability will vary between facilities, because they are dictated by many different circumstances. Previously available tours may be precluded by current requirements. You are encouraged to contact your local tower facility for specific details.*

Notes: _____

For more information on runway safety training, or any other flight instructor related issues, contact NAFI at 920-426-6801 or visit us on the Internet at:



www.nafinet.org