

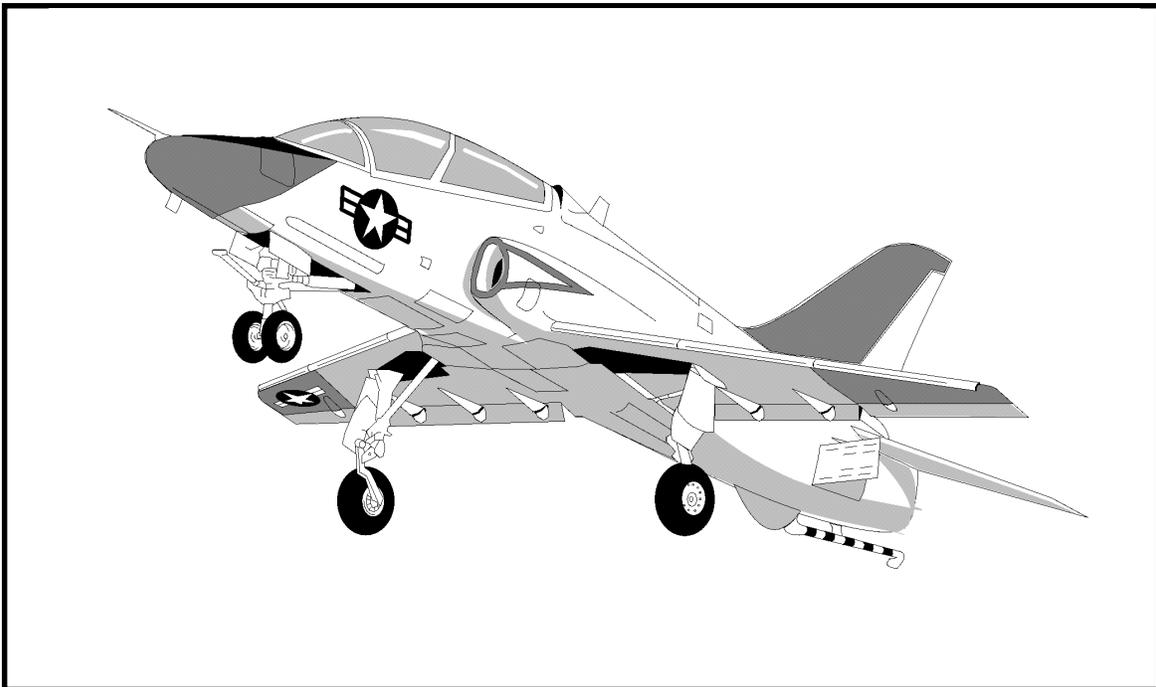
NAVAL AIR TRAINING COMMAND

NAS CORPUS CHRISTI, TEXAS

CNATRA P-1277 (REV. 2-02) PAT



AVIATION STUDENT INDOCTRINATION



LESSON GUIDE

2002

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FLIGHT SUPPORT LECTURE GUIDE LIST OF EFFECTIVE PAGES

EFFECTIVE PAGES	PAGE NUMBERS	EFFECTIVE PAGES	PAGE NUMBERS
FRONT MATTER		TS & ADV ASI-07	
Original	i-iv	Original	7-i thru 7-ii
TS & ADV ASI-01		Original	7-1 thru 7-16
Original	1-i thru 1-ii	TS & ADV ASI-08	
Original	1-1 thru 1-12	Original	8-i thru 8-ii
TS & ADV ASI-02		Original	8-1 thru 8-14
Original	2-i thru 2-ii		
Original	2-1 thru 2-16		
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TS & ADV ASI-04			
Original	4-i thru 4-ii		
Original	4-1 thru 4-2		
TS & ADV ASI-05; IUT All-01			
Original	5-i thru 5-ii		
Original	5-1 thru 5-10		
TS & ADV ASI-06; IUT All-02			
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Original	6-1 thru 6-8		

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LECTURE GUIDE

COURSE/STAGE: TS & ADV / Aviation Student Indoctrination

LESSON TITLE: Commanding Officer's Welcome Aboard

LESSON IDENTIFIER: T-45C TS & ADV ASI-01

FIGURES:

- Fig 1: Key Personnel
- Fig 2: Map of NAS Meridian
- Fig 3: T-45C Goshawk

STUDY RESOURCES: N/A

LESSON PREPARATION: N/A

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES

1.1.8

Perform student indoctrination activities

1.1.8.1

Receive welcome aboard information

1.1.8.3

Receive information on watchstanding regulations

1.1.8.3.1

Receive information on "standards" for officer conduct in and out of uniform

1.1.8.2

Receive Navy organization/functions/location information

1.1.8.5

Receive information on the T-45 Training System (T45TS)

MOTIVATION

You are about to embark on the most important aspect of your flight training--your advanced flight training in the T-45C. You must understand what is expected of you during your training so that you can devote all of your energy to successfully completing the training program and earning your wings of gold.

OVERVIEW

This lesson will familiarize you with the organization of Training Air Wing (TRAWING) One and preview your training activities. By the end of the lesson you will know the names of the individuals in the chain of command and their responsibilities, your responsibilities and the rules of behavior expected of you, and the materials used in the training process.

In this lesson, we will:

- * Give "welcome aboard" information
- * Introduce operating procedures for NAS Meridian
- * Discuss the T-45 Training System (T45TS) subsystems

PRESENTATION

- I. Welcome aboard by CO **1.1.8, 1.1.8.1**
 - A. History of squadron
 - 1. Accident-free squadron
 - 2. Number of graduates
 - B. Squadron values and beliefs
 - 1. Think safety: "If there's doubt...there's no doubt."
 - 2. Quality aviators: "The very best in the world."
 - 3. Good leadership means good retention: "You manage things...you lead people."
 - 4. Take care of our people: "Without our people we don't fly and fight."
 - 5. Productivity through people: "Help people reach their full potential."
 - 6. Fit to fight: "Be prepared."
- II. Regulations
 - A. Watchstanding regulations **1.1.8.3**
 - 1. Roles and responsibilities
 - a. Senior Watch Officer
 - b. Phone watch
 - c. Assistant Runway Duty Officer (ARDO)
 - d. FOD walkdown
 - e. Squadron Duty Officer (SDO)

2. Watch Bill
 3. Required uniform
 - B. Officer conduct in and out of uniform **1.1.8.3.1**
 1. Fraternalization
 2. Drugs and alcohol
 3. Grooming standards
 4. Military appearance and uniforms
 - a. Working hours: working uniform or flight suit
 - b. Off duty: civilian clothes
- III. Miscellaneous
- A. Leave (contact Student Control Officer)
 1. Normal leave policy during training
 2. Emergency leave
 3. Christmas/New Year's leave policy
 - B. Traffic safety
 1. Base speed limit must be strictly obeyed
 2. Seat belts must be worn at all times
 - C. Parking: reserved parking labeled for CO, XO, etc.--remainder open
 - D. Coffee mess (ready room): mandatory dues
 - E. All Hands' Club: prorated dues
 - F. Mail/lockers
 - G. Squadron telephones

IV. Navy organization/significant personnel **1.1.8.2**

A. Chain of command

1. CNO
2. CNET
3. CNATRA
4. TRAWING
5. Squadron

B. Key wing and squadron personnel

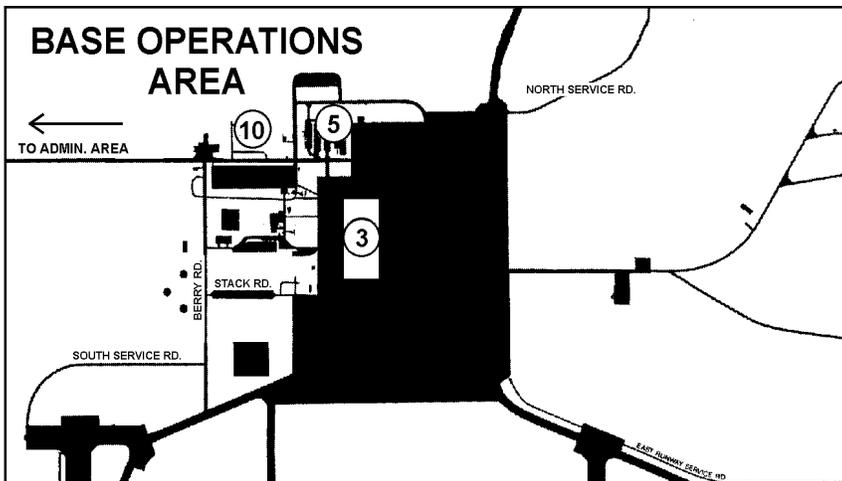
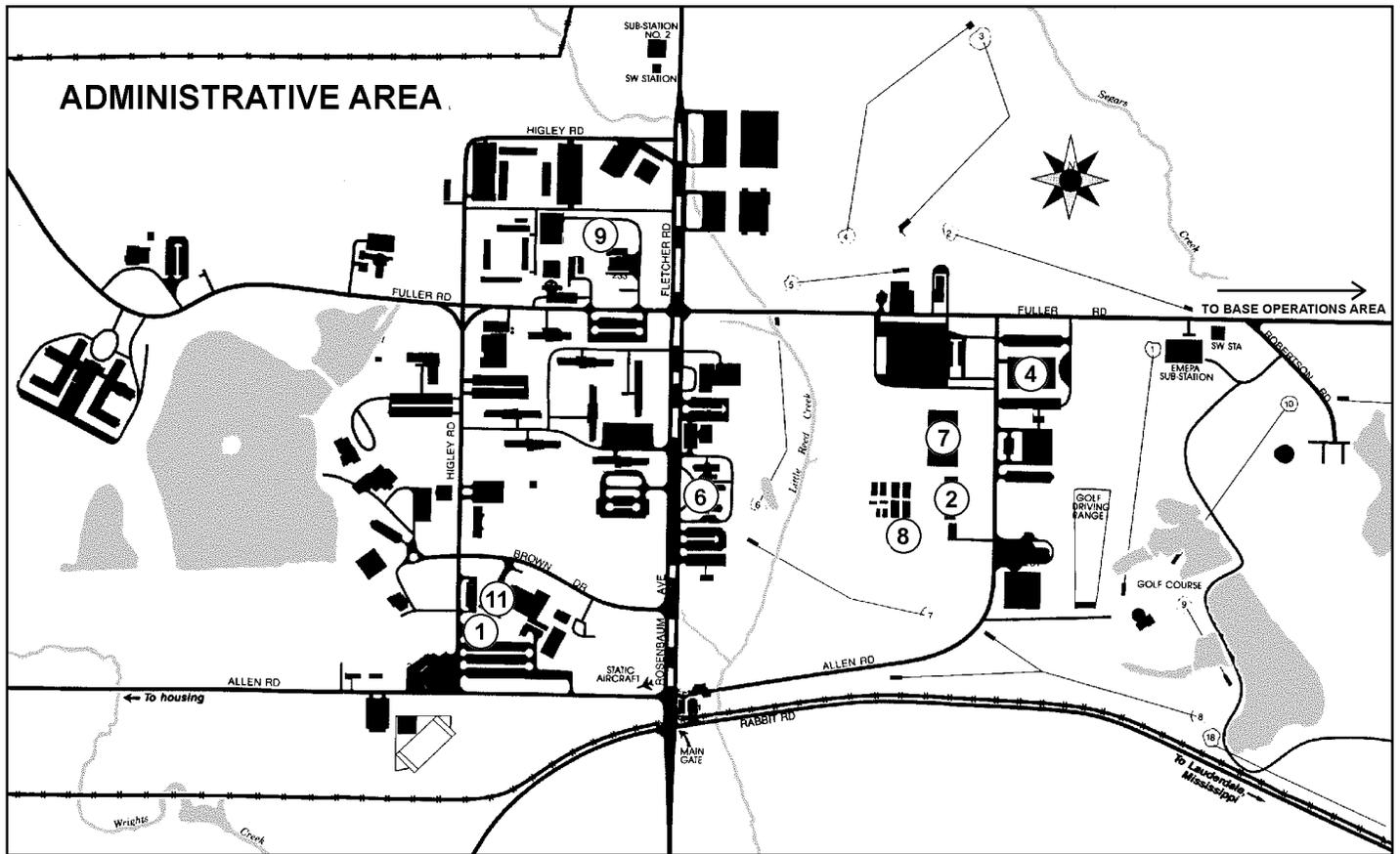
1. Wing Commander (Commodore): senior officer in wing--COs report to Commodore and Commodore reports to CNATRA for all TRAWING requirements
2. Commanding Officer: senior officer in squadron--directs squadron operations
3. Squadron Executive Officer: second in command--coordinates squadron operations, with all department heads reporting to him/her
4. Squadron Operations Officer: accountable for all aircraft operations, detachments, etc.
5. Squadron Administration Officer: in charge of all paper work, reports, correspondence, etc.
6. Squadron Safety Officer: oversees safety programs--personnel safety, flight safety, ground safety
7. Squadron Training Officer: tracks progress of students and oversees appropriate training of instructors and students
8. Student Control Officer: point of contact for students in operations department; coordinates administrative aspects of students' training through flight syllabus
9. Class Leader: senior member of class--coordinates with Student Control Officer

WING COMMANDER (COMMODORE)	_____
	Phone _____
COMMANDING OFFICER	_____
	Phone _____
SQUADRON EXECUTIVE OFFICER	_____
	Phone _____
SQUADRON OPERATIONS OFFICER	_____
	Phone _____
SQUADRON ADMINISTRATION OFFICER	_____
	Phone _____
SQUADRON SAFETY OFFICER	_____
	Phone _____
SQUADRON TRAINING OFFICER	_____
	Phone _____
STUDENT CONTROL OFFICER	_____
	Phone _____
CLASS LEADER	_____
	Phone _____

Figure 1: KEY PERSONNEL

V. Tour of field facilities

- A. Tower--air traffic control (ATC) facilities, operations flight planning, Metro, air operations
- B. VT-23 Squadron Area
- C. TRAWING One
- D. Recreation Department
- E. Medical/Dental
- F. Security/Pass
- G. Disbursing/Personnel Support
- H. T-45C Simulator Building
- I. Commissary
- J. Exchange/Theater



Facility Index		
Facility		Bldg.
1	Commissary	214
2	Gym	369
3	Maintenance Hangar/CTW-1	2
4	Medical/Dental Clinic	367
5	Operations/Meteorological Bldg.	1
6	Personnel Support Detachment	209
7	Playing Field/Playing Courts	343
8	Racquetball/Weight Room	352
9	Security	222
10	Simulator Building	150
11	Theatre/Navy Exchange	213

Figure 2: MAP OF NAS Meridian

VI. T-45 Training System (T45TS) components **1.1.8.5**

A. Academics

1. Types of lessons

- a. Ground School (e.g., Aero, Metro, Eng) taught by civilian instructors
- b. Flight support (e.g., TacForm, Weps, ACM) taught by flight instructors

NOTE: Testing is accomplished via computer.

2. Media

- a. Mediated interactive lectures (MILs): accompanied by Lecture Guide
- b. Workbooks
- c. Computer-assisted instruction (CAI): self-paced courseware accompanied by Lesson Guide

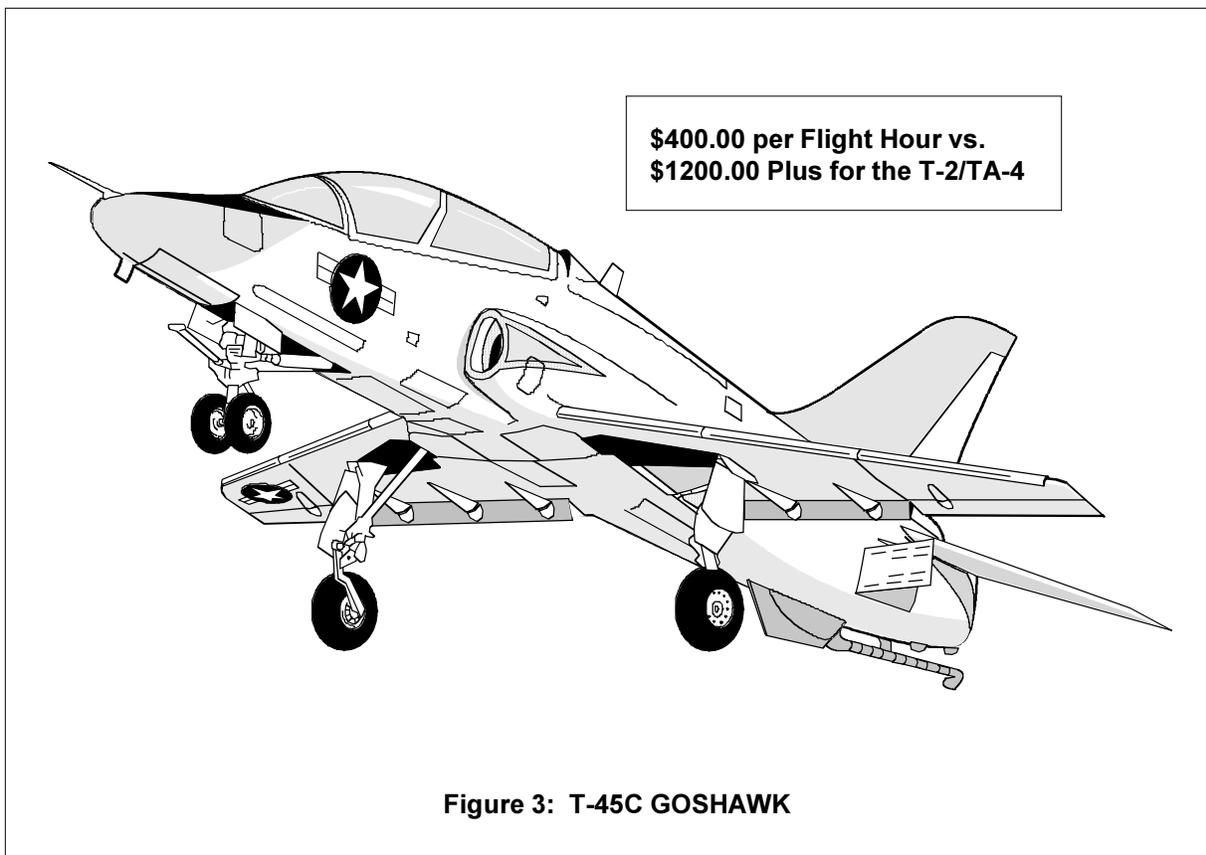
NOTE: Course evaluation forms will be provided with lecture, workbook, and CAI lessons. These forms allow you to provide feedback on the training system to appropriate personnel.

B. Simulators

1. IFT
2. OFT

C. T-45C

D. Integrated Logistics Support (ILS) maintains training system components



SUMMARY

- * Welcome aboard information--introduction to TRAWING One
- * Standard operating procedures (SOPs) for NAS Meridian
- * Subsystems of T45TS

CONCLUSION

Being aware of and comfortable with the normal operations of NAS Meridian will allow you to integrate quickly into the training environment and free you to devote your full attention to becoming a Naval aviator.

NOTES

LECTURE GUIDE

COURSE/STAGE: TS & ADV Aviation Student Indoctrination

LESSON TITLE: Squadron Check-in

LESSON IDENTIFIER: T-45C TS & ADV ASI-02

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 1.5 hr

TRAINING AIDS:

- * Samples of:
 - T-45C NATOPS Flight Manual, A1-T45AC-NFM-000
 - TRAWING One In-Flight Guide
 - Workbook
 - CAI Lesson Guides
 - Flight Training Instruction (FTI)
 - Master Curriculum Guide
 - Aviation Training Jacket (ATJ)

STUDY RESOURCES:

CNATRAINST 1500.4--Training and Administration Manual

LESSON PREPARATION: N/A

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES**1.1.8.5.3**

Receive publications and information on their usage

1.1.8.4.8

Receive information on usage of lectures for training

1.1.8.5.7

Receive information on objectives and their use

1.1.8.4.7

Receive information on usage of workbooks for training

1.1.8.5.2

Receive information on content and usage of Master Curriculum Guide

1.1.3

Identify flight training syllabus

1.2.2

Receive information on lesson/event preparation and briefing

1.1.8.4.1.4

Receive information on format and procedures for event debrief

1.1.8.5.6

Receive information on student grading and evaluation

1.12.1.1

Receive information on ATJ format

1.1.8.4.1.4.2

Receive information on methods to plan and improve performance

MOTIVATION

Flying is putting what you know into action. To do this, you must acquire a complete and instinctive knowledge of the fundamentals of flight.

To help you acquire this level of knowledge, you need to know what materials and publications you will use during training and how to use them efficiently. You also need to understand the T-45 training process, and know how your progress is evaluated, so you can improve your performance as necessary. Unfamiliarity with training procedures will negatively affect your progress and overall performance.

OVERVIEW

By the end of this lesson, you will be familiar with necessary publications and their uses, the T-45 training process, and the training forms that will track your progress.

In this lesson, you will receive information on:

- * Publications
- * Master Curriculum Guide
- * Flight Training Syllabus
- * Lesson/event preparation and briefing
- * Debrief
- * Grading and evaluation
- * Aviation Training Jacket (ATJ) format
- * Methods to plan and improve performance

REFRESHER

Many of the publications, materials, and forms that you will use in T-45 training are similar to those you used in T-34 training.

PRESENTATIONI. Publications **1.1.8.5.3****LESSON NOTES**

Use the publications listed on the coversheet as examples during this lesson.

- A. T-45C NATOPS Flight Manual: contains information on all aircraft systems, performance data, and operating procedures
- B. TRAWING One In-Flight Guide: contains information that governs operation of all aircraft departing/arriving NAS Meridian and NOLF Joe Williams
- C. MIL (mediated interactive lecture) Lesson Guide; utilized for ground courses as well as Flight Procedure (FP) lectures **1.1.8.4.8**

NOTE: The majority of MILs will be conducted in the “electronic classroom,” enhanced by projected training aids.

1. Content

- a. Hardcopy outline of information presented via MIL
- b. Hardcopy graphics referenced in margin callout boxes
- c. Boxed Lesson Notes aid in lesson use
- d. Embedded questions and their (in-class) answers aid in material presentation and comprehension
- e. Progress checks are similar to mastery test questions and should be used to prepare for examinations.
- f. Common error descriptions and correctional techniques when appropriate

2. Organization

- a. Cover page: contains course title, lesson title, lesson time, and list of training aids
- b. Lesson preparation: informs you what background material will be referenced during this lesson
- c. Reinforcement activities
- d. Examination
- e. Lesson objectives: lists objectives in order of presentation **1.1.8.5.7**
 - (1) Definition: written statements that describe knowledge, skill(s), or task(s) you must master
 - (2) Two characteristics of each objective
 - a) Performance: SNP behavior to be achieved
 - b) Minimum academic standards are 80%.
- f. Prefatory material
 - (1) Motivation: presents lesson rationale
 - (2) Overview: presents lesson organization
 - (3) Refresher (optional): connects lesson content to previous learning
- g. Presentation
 - (1) Outlines lesson themes, topics and subtopics
 - (2) Provides space for notes
 - (3) Includes boxed Lesson Notes presenting a variety of lesson concerns (e.g., "Be sure to bring your NATOPS to the next class.")

(4) Includes embedded questions (without answers) and progress checks to help you assess your knowledge of the content

(5) Includes hardcopy graphics

D. Workbooks **1.1.8.4.7**

1. Purpose: stand-alone, hardcopy lesson used with FTI to fill in understanding of maneuvers/flight procedures and flight planning and to allow you to practice using your knowledge
2. Contents
 - a. Cover page: contains course title, lesson title, lesson time, and list of training aids
 - b. Lesson preparation: informs what background material will be referenced during this lesson
 - c. Reinforcement activities
 - d. Examination
 - e. Lesson objectives: lists objectives in order of presentation
 - f. Prefatory material
 - (1) Motivation: presents lesson rationale
 - (2) Overview: presents lesson organization
 - (3) Refresher (optional): connects lesson content to earlier learning
 - g. Presentation: outlines lesson themes, topics and subtopics
 - h. Progress checks (with their answers) will be provided to help you assess your comprehension

E. CAI Lesson Guide

1. Content: hardcopy topical outline of information presented via CAI
2. Organization
 - a. Cover sheet: contains course title, lesson title, lesson time, and list of training aids
 - b. Lesson objectives: lists objectives in order of presentation
 - c. Lesson support
 - (1) Note-taking: space provided to enter notes about each lesson
 - (2) Illustrations: hardcopy of selected on-line and support graphics

NOTE: Course evaluation forms will be provided with lecture, workbook, and CAI lessons.

F. Flight Training Instructions (FTI): primary training documents

1. Content
 - a. Established procedures for executing maneuvers within each stage
 - b. Techniques for performing maneuvers
 - c. Common error detection and correctional techniques
 - d. Full narrative description of specific maneuvers as performed
2. Organization
 - a. Introduction: states content of that particular FTI
 - b. Substance: describes and establishes parameters for each maneuver in chronological order of flight

- G. Ground Training Systems Operating Procedures: handbook for procedures to operate the following;
1. CAI lessons
 2. TIS operations

PROGRESS CHECK**Question 1 — 1.1.8.5.3**

What publication contains information on all aircraft systems, performance data, and operating procedures?

ANSWER: T-45C NATOPS Flight Manual

II. Master Curriculum Guide 1.1.8.5.2**A. Contents**

1. Course map representing the sequence of training modules (Mods)
2. Briefing
 - a. Normal recommended time for flight briefing: 90-120 minutes prior to published takeoff time
 - b. List of minimum items that must be briefed to all flight members
3. Schedule limitations: maximum time/schedule parameters under which an SNP will be trained
4. Flight standardization: grading criteria for all flight events is contained in CNATRAINST 1500.4.
5. Administration: curriculum regulations that serve as prerequisites to certain listed flights
6. Emergency procedures: IAW NATOPS and local course rules

7. Definitions: terms used to describe type of training objective
 8. Flight support: stage-specific lectures followed by an examination
 9. Academic training: IAW course map
- B. Training hour summary breaks out according to each curriculum type
1. Flight training
 2. Simulator training
 3. Flight support lessons (MIL and CAI format: Formation, Weapons, etc.)
 4. Academic instruction (MIL and CAI format: Meteorology, Aerodynamics, Engineering, etc.)
- C. Module summary: summarizes content for module
- D. Academic curriculum
1. Period requirements: lists module number and symbol designator
 2. Description: describes content of each lesson
 3. Duration: lesson length

PROGRESS CHECK**Question 2 — 1.1.8.5.2**

In what publication would you find training hour summary breakouts by stage?

ANSWER: Master Curriculum Guide

III. Flight training syllabus 1.1.3

- A. Familiarization (Fam)
- B. Out-of-Control Flight (OCF)
- C. Basic Instruments (BI)
- D. Radio Instruments (RI)
- E. Airways Navigation (AN)
- F. Formation (Form)
- G. Night Familiarization (NFam)
- H. Instrument Rating (IR)
- I. Carrier Qualification (CQ)
- J. Operational Navigation (ONav)
- K. Weapons (Weps)
- L. Tactical Formation (TacForm)
- M. Night Formation (NForm)
- N. Gunnery (Guns)
- O. Air Combat Maneuvering (ACM)



Why do you think that it is important for you to be able to recite, in detail, to your instructor each maneuver to be performed?

ANSWER: Unfamiliarity with training procedures will negatively affect your progress and overall performance. Instructors interpret your knowledge of procedures as the measure of your commitment and motivation to become a Naval Aviator.

IV. Lesson/event preparation and briefing 1.2.2

A. Preparation (study material)

NOTE: Briefings will be customized to each event. During early stages, the briefings will cover general areas (preflight, departures, MOA operation, arrivals) in addition to flight-related maneuvers. During later stages, the briefings will focus on more precise flight-related maneuvers.

1. Course rules: as pertaining to a particular flight
2. NATOPS: emergency procedures and performance data tables applicable to the flight
3. FTI: flight procedures and techniques for specific maneuvers for the flight
4. Briefing Guide: list of specific maneuvers for the flight

B. Briefing

NOTE: Complete all necessary charts, maps, or flight logs prior to the brief because time is not allowed during the brief to complete them.

1. Sequence of events: know the sequence of maneuvers
2. Communications plan: know normal comm plan and be prepared to discuss no radio (NORDO) procedures
3. Weather: review current and forecast weather at field and at destination/divert

4. Parameters of flight: be prepared to explain to instructor (in detail) each maneuver to be performed
5. Know boldface emergency procedures. Know the emergency of the day (published in squadron daily flight schedule)
6. Know the NATOPS question of the day (published in squadron daily flight schedule)

V. Debrief **1.1.8.4.1.4**

- A. Instructor appraises each graded item on ATF
 1. AA: above average
 2. A: average
 3. BA: below average
 4. UNSAT: unsatisfactory
- B. Discussion of flight performance
 1. All maneuvers should be debriefed to note strengths and weakness and ways to improve
 2. Landings will be recorded and debriefed in LSO format
- C. Discussion of headwork
 1. Situational awareness: ability to analyze current flight situation and choose an appropriate course of action
 2. Procedural knowledge: ability to demonstrate knowledge of procedures during preflight brief, in flight, and postflight debrief
 3. Action: ability to combine situational awareness and procedural knowledge
- D. Basic air-work: technique and mastery of power and flight controls to obtain desired attitude, heading, airspeed, and altitude consistently through a range of maneuvers

- E. Next flight preparation: discussion of event sequence for next flight or stages

PROGRESS CHECK

Question 3 -- 1.1.8.4.1.4
What is headwork?

ANSWER: A combination of situational awareness, procedural knowledge, and action

VI. Grading and evaluation **1.1.8.5.6**

- A. Academic: taken on the computer, final examinations sample the objectives presented in MILs, workbooks, and CAI
- B. Flight and simulator training: instructors subjectively grade performance according to objective standards
- C. Final overall grade: academic, flight support, simulator, and flight grades are combined and converted to Navy standard scores

PROGRESS CHECK

Question 4 — 1.1.8.5.6
What medium will you use to complete an academic examination?

ANSWER: The computer (CAI)

VII. Aviation training jacket (ATJ) format **1.12.1.1**

NOTE: These forms are the same as those used during T-34 training. For T-45 training, however, they will be generated and contained electronically within the computerized training integration system (TIS).

- A. Aviation training forms (ATFs): contains a list of all items graded in the event being conducted
- B. Flight and simulator summary: contains records (grades and comments) for all primary and advanced flight training
- C. Grades: contain CAI test scores for each block examination completed
- D. Academic summary: contains all primary and advanced academic training records
- E. Aviation Officer Candidate School/Aviation Preflight Indoctrination (AOCS/API): contains academic grade averages for either AOCS or API course
- F. Unsatisfactory/Delinquency/Incident (UDI) forms: contain pertinent information whenever an unsatisfactory flight grade (“down”) is received
- G. Primary Progress Review Board (Primary PRB): supplies historical data needed to complete Summary PRB
- H. Summary Progress Review Board (Summary PRB): contains conclusions and recommended disposition of SNP as a result of an unsatisfactory event
- I. Pink Sheet: contains permanent historical record of all findings/actions found in UDI and Summary PRB due to a down

PROGRESS CHECK

Question 5 — 1.12.1.1

What information is contained in a Summary PRB?

ANSWER: Conclusions, recommendations, and SNP treatment as a result of an unsatisfactory event

VIII. Plan and improve performance 1.1.8.4.1.4.2

- A. Preparation: verify complete understanding of upcoming events
- B. Documentation: maintain personal log of each event to identify areas needing improvement, remediation, or further practice
- C. Questions: use questioning period during brief/debrief to clarify questionable/unsatisfactory areas
- D. Use additional resources
 - 1. Instructors
 - 2. NATOPS
 - 3. FTIs
 - 4. Notes taken during MILs
 - 5. Advanced students

SUMMARY

In this lesson you received information on:

- * Publications
- * Master Curriculum Guide
- * Flight Training Syllabus
- * Lesson/event preparation and briefing
- * Debrief
- * Grading and evaluation
- * Aviation Training Jacket (ATJ) format
- * Methods to plan and improve performance

CONCLUSION

In your T-45 training, you will repeatedly use these materials, publications, and classroom methods as you work toward receiving those gold wings.

NOTES

LECTURE GUIDE

COURSE/STAGE: TS & ADV Aviation Student Indoctrination

LESSON TITLE: Introduction to Safety Procedures

LESSON IDENTIFIER: T-45C TS & ADV ASI-03

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 1.0 hr

STUDY RESOURCES:

- * T-45C NATOPS Flight Manual, A1-T45AC-NFM-000

LESSON PREPARATION:

Review:

- * Organization of the T-45C NATOPS

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES**1.1.8.6.4**

Receive information on usage of NATOPS manual

1.1.8.6.3

Receive information on flight safety procedures

1.1.8.6.5

Receive information on flight physical and flight gear/equipment requirements

1.1.8.6.6.1

Receive information on ground safety requirements for aircraft

1.1.8.6.6.2

Receive information on ground safety requirements for vehicle operation

MOTIVATION

Navy safety programs have helped reduce both the frequency and severity of accidents. Your wing and squadron safety program requires the full commitment of everyone from the wing commander to the civilian maintenance technician to ensure an accident-free environment. As a student pilot, you are both the focus of a great deal of the safety effort and the responsible party for carrying out that effort. Your T-45C NATOPS Manual not only guides your study time more efficiently, but also plays an important role in the overall safety program. Remember that flying is not inherently dangerous, but like the sea, it is unforgiving. The flight safety rules that are presented here are designed for only one purpose--to keep you alive!

OVERVIEW

By reviewing the safety regulations that affect your performance on the ground and in flight, you will be able to plan and execute each mission in the T-45C safely.

This lesson addresses:

- * Information on the T-45C NATOPS Flight Manual
- * Flight safety procedures
- * Ground safety for aircraft and vehicle operations

PRESENTATION

- I. T-45C NATOPS organization **1.1.8.6.4**
 - A. Part I--The Aircraft
 - 1. Chapter 1--General Characteristics
 - 2. Chapter 2--System Descriptions
 - 3. Chapter 3--Servicing and Handling
 - 4. Chapter 4--Operating Limitations
 - B. Part II--Indoctrination
 - 1. Chapter 5--Indoctrination
 - C. Part III--Normal Procedures
 - 1. Chapter 6--Flight Preparation
 - 2. Chapter 7--Shore-Based Procedures
 - 3. Chapter 8--Carrier-Based Procedures
 - 4. Chapter 9--Special Procedures
 - 5. Chapter 10--Functional Check Flight Procedures
 - D. Part IV--Flight Characteristics
 - 1. Chapter 11--Flight Characteristics
 - E. Part V--Emergency Procedures
 - 1. Chapter 12--General Emergencies
 - 2. Chapter 13--Ground Emergencies
 - 3. Chapter 14--Takeoff Emergencies
 - 4. Chapter 15--In-Flight Emergencies

Sg 1, fr 2
Lesson Organization

**INTRODUCTION TO
SAFETY
PROCEDURES**

* **T-45C NATOPS Manual**
* Flight Safety Procedures
* Ground Safety for Aircraft
* Ground Safety for Vehicle
Operations

5. Chapter 16--Landing Emergencies
6. Chapter 17--Ejection
7. Chapter 18--Immediate Action Items
- F. Part VI--All-Weather Operation
 1. Chapter 19--Instrument Procedures
 2. Chapter 20--Extreme Weather Operation
- G. Part VII--Communications-Navigation Equipment and Procedures
 1. Chapter 21--Communications-Navigation Equipment and Procedures
- H. Part VIII--Weapons System
 1. Chapter 22--Armament Systems
 2. Chapter 23--Avionics
- I. Part IX--Flight Crew Coordination
 1. Chapter 24--Flight Crew Coordination
- J. Part X--NATOPS Evaluation
 1. Chapter 25--NATOPS Evaluation
- K. Part XI--Performance Data
 1. Chapter 26--Introduction
 2. Chapter 27--Standard Data
 3. Chapter 28--Takeoff
 4. Chapter 29--Climb
 5. Chapter 30--Range
 6. Chapter 31--Endurance

7. Chapter 32--In-Flight Refueling (N/A)
8. Chapter 33--Descent
9. Chapter 34--Landing
10. Chapter 35--Mission Planning
11. Chapter 36--Emergency Operation

II. Safety considerations **1.1.8.6.3**

A. Safety staff

NOTE: Although a staff of safety professionals directs and monitors the overall Navy safety program, each of you should consider yourself a “safety officer,” responsible for reporting all unsafe conditions or situations either through official channels or anonymously.

1. Aviation Safety Officer
2. Ground Safety Officer
3. NATOPS Officer and Assistant NATOPS Officer
4. Squadron Safety Petty Officer

B. Physical health and flight safety

1. Flight physical: conducted annually by flight surgeon during or near month of birth **1.1.8.6.5**

NOTE: It is your responsibility to schedule your flight physical.

2. Flight surgeon attends to health needs of all flight-status personnel

CAUTION: Do not fly when you are ill. Doing so turns you into an immediate danger to yourself and others and runs the risk of permanent injury and grounding. If you are ill, see the flight surgeon and do not self-medicate.

Sg 2, fr 2
Lesson Organization

**INTRODUCTION TO
SAFETY
PROCEDURES**

- * T-45C NATOPS Manual
- * **Flight Safety Procedures**
- * Ground Safety for Aircraft
- * Ground Safety for Vehicle Operations

C. Flight gear/equipment requirements

1. Protective devices

a. Helmet

- (1) Integral headset provides protection against sound and should be worn during preflight and postflight when other aircraft are turning

NOTE: Earplugs or earmuffs are not issued to pilots but do provide adequate protection against aircraft noise when the helmet is not worn.

- (2) Visors

- (a) Protect against

- i) Wind and debris during ejection or canopy failure/birdstrike
 - ii) Sun glare

- (b) Clear visor will be used on night flights

b. Flight suit and gloves protect against fire

- (1) Flight suit openings must be secured
- (2) Sleeves must overlap top of gloves

c. Oxygen mask: worn from takeoff to landing

- (1) Proper fit
 - (a) For comfort
 - (b) To prevent leaks
- (2) Inspection: 91-day requirement

2. Inspect personal equipment for proper operation before each flight

3. Proper care of your flight equipment is your responsibility
 - a. Parachute loft personnel will provide necessary maintenance or repairs
 - b. Cleanliness ensures proper protection
 - (1) NOMEX flight suit and glove fire protection is reduced when material is dirty
 - (2) Clean helmet visors ensure good vision

III. Ground safety requirements for aircraft **1.1.8.6.6.1**

A. General ground safety requirements

1. Tiedowns, chocks, and grounding
2. Gear, canopy, and seat safety pins
3. Fire equipment requirements
4. Maximum rpm in line area
5. Emergency signals
6. Jet blast control (tailpipe courtesy)

B. Aircraft carrier flight-deck-specific safety items

1. Be aware of jet blast, particularly on deck
2. Ensure
 - a. Canopy down
 - b. Oxygen mask on
 - c. Seat armed
 - d. Anti-skid off

Sg 3, fr 2
Lesson Organization

**INTRODUCTION TO
SAFETY
PROCEDURES**

* T-45C NATOPS Manual

* Flight Safety Procedures

* **Ground Safety for
Aircraft**

* Ground Safety for Vehicle
Operations

3. Answer all taxi signals promptly and accurately unless a dangerous situation exists or is developing, then stop immediately
4. Stop immediately if you lose sight of director, who will exercise care to remain in plain view
5. Realize that deck wind may require additional power to taxi, but keep taxi speeds low
6. Watch for slippery deck, particularly in landing area
7. Deck area relatively small and crowded--watch deck edge

C. Foreign object damage/debris (FOD)

1. FOD control
 - a. Everyone's high priority responsibility
 - b. Whenever you see FOD, pick it up
2. FOD in the cockpit
 - a. Avoid dropping items in cockpit
 - b. If items dropped and cannot be found, report it on Maintenance Action Form (MAF) after flight

PROGRESS CHECK

Question 1 — 1.1.8.6.6.1

What action should you take if you lose sight of the director?

ANSWER: Stop immediately.

IV. Ground safety requirements for vehicle operation **1.1.8.6.6.2**

A. Privately owned vehicle (POV): in order to get a base sticker for your POV, you must have

1. Valid state registration
2. Proof of minimum required insurance coverage
3. Valid driver's license

NOTE: In addition to POV requirement, motorcycle operators must attend a motorcycle safety course and wear a helmet at all times.

B. Government-owned vehicle (GOV)

1. Driver must possess valid driver's license
2. Subject to all traffic regulations

C. Observe base regulations

1. Speed limits
2. Mandatory seat belts
3. Accident reporting

D. Do not drink and drive (DUI/DWI)

1. Likely loss of base driving privileges
2. Possible disciplinary action

Sg 4, fr 2
Lesson Organization

**INTRODUCTION TO
SAFETY
PROCEDURES**

* T-45C NATOPS Manual
* Flight Safety Procedures
* Ground Safety for Aircraft
* **Ground Safety for
Vehicle Operations**

Sg 7, fr 1
Review Menu

SUMMARY

- * Information on the T-45C NATOPS Flight Manual
- * Flight safety procedures
- * Ground safety for aircraft and vehicle operations

CONCLUSION

The rigid safety rules and regulations that we have talked about help maintain an accident-free environment. These rules don't give! Learn to abide by them and help meet the squadron goal of zero flight and ground mishaps and no personnel injuries. Follow the safety rules: your life depends on it!

LECTURE GUIDE

COURSE/STAGE: TS & ADV Aviation Student Indoctrination

LESSON TITLE: Ground Rules

LESSON IDENTIFIER: T-45C TS & ADV ASI-04

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 0.3 hr

TRAINING AIDS: None

STUDY RESOURCES: N/A

LESSON PREPARATION: None

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES

1.1.8.6

Introduce student to Ground Training Department, mission, and goals

1.1.8.6.1

Introduce student to ground training policy and procedures

NOTES

LECTURE GUIDE

COURSE/STAGE: TS, ADV & IUT / Aviation Student Indoctrination

LESSON TITLE: Introduction to the Training Integration System

LESSON IDENTIFIER: T-45C TS, ADV ASI-05; & IUT AII-01

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 1.0 hr

TRAINING AIDS:

- * TRAWING One TIS User's Guide

STUDY RESOURCES: TIS User's Manual, Volumes 1 through 8

LESSON PREPARATION:

- * Read TRAWING One TIS User's Guide, pages 1-17, 23-28, 41

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES**1.1.8.4.9**

Receive Training Integration System (TIS) overview

1.1.8.4.10

Receive procedures for logging onto TIS

1.1.8.4.11

Receive procedures for changing user's password

1.1.8.4.14

Receive instruction on procedures for using TIS subsystems:
Messages

1.1.8.4.15

Receive instruction on procedures for using TIS subsystems:
Schedules

1.1.8.4.18

Receive instruction on procedures for using TIS subsystems:
Snivel logs

1.1.8.4.17

Receive instruction on procedures for using TIS subsystems:
Personnel records

1.1.8.4.20

Receive instruction on procedures for using TIS subsystems:
Watch bill

Sg 0, fr 2
Training Integration
System



MOTIVATION

The Training Integration System (TIS) was developed for the Navy to automate the functions of tracking Strike student training and instructor-under-training (IUT) administrative details. Student performance, scheduling, resource management, and other recordkeeping functions in TIS, though necessary, should not interfere with or otherwise adversely affect training. To ensure this, it is mandatory that accurate records be entered in the system in a timely fashion.

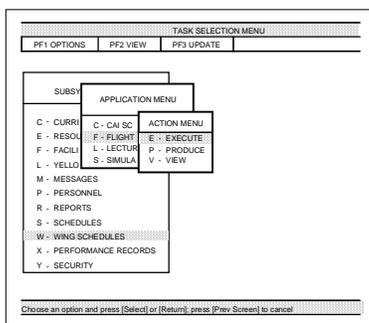
OVERVIEW

This lesson will introduce you to TIS, its functions, and composition of the Training Wing Systems office. Your TIS training will be conducted in two separate lessons for students and three lessons for IUT's. This ensures training occurs in a timely manner and provides a minimal time delay between your functional instruction and your implementation of those functions. At the conclusion of this lesson, the student will log into TIS, change the generic password, view and print training schedules, view the personnel data, and send and receive messages.

In this lesson, the following topics will be covered:

- * Accessing TIS, "User ID," and passwords
- * Printing
- * The message function
- * The schedules functions
- * Snivels
- * The personnel functions

Sg 0, fr 3
Task Selection Menu



The TASK SELECTION MENU shown above depicts all functions available. The specific functions available to the user depend on the terminal being used and the user's specific job, i.e., student, instructor, or CO.

PRESENTATION

I. Accessing TIS 1.1.8.4.10

A. TIS terminal/PC station

1. No preliminary actions are required to access TIS when using terminal station
2. When using a PC station to access TIS, a network login and password will be required. Also, a terminal emulation application must be initiated to gain connectivity to the TIS system
3. When referencing function keys both terminal and PC values will be shown with terminal keys listed first followed by the PC function key equivalent, if one exists. Example (<F20>/ESC or <Shift F10>) would show function key F20 on terminal station is equivalent to ESC key or SHIFT key with F10 on PC station

B. Password procedures 1.1.8.4.11

1. When first entered into TIS, your password is given to you as your last name. You are required to change your password during or immediately after this class
2. To change your password, either select from the TASK SELECTION MENU (<PF3>/*(on keypad) key or press <CTRL-C>

C. Log off procedures

1. Press (<F20>/ESC or <Shift F10>) to return to the TASK SELECTION MENU
2. Press (<F20>/ESC or <Shift F10>) while on the TASK SELECTION MENU and answer the question window with a "YES" to exit from TIS

Sg 1, fr 2 *Lesson Organization*

INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM

- * **Accessing TIS**
- * Printing procedures
- * The message function
- * The schedules functions
- * Snivels
- * The personnel functions

Sg 1, fr 2 *Log On Procedures*

LOG ON PROCEDURES

USER ID: Location, organization, and name

Example: John R. Smith checking into VT-23 in Meridian would be:

"M" = Meridian

"23" = VT-23

"J" = John. . . (first initial)

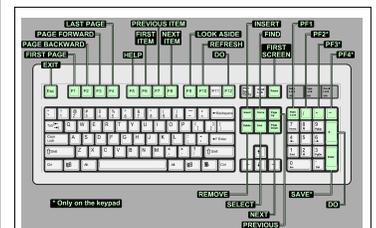
"SMIT" = Smith (first 4 letters)

USER ID = M23JSMIT

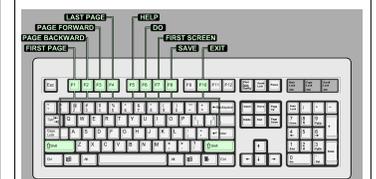
Exception: When there are two J. Smiths, the first will be as shown above; the second will use the first and middle initials followed by the first three letters of the last name.

Example: John L. Smith of VT-23 checked in after John R. Smith would have USER ID M23JLSM1.

Sg 1, fr 3 *TIS Keyboard*



TIS KEYBOARD



TIS KEYBOARD WITH
"SHIFT" DEPRESSED

Sg 2, fr 1
Lesson Organization

INTRODUCTION
TO THE TRAINING
INTEGRATION SYSTEM

- * Accessing TIS
- * **Printing procedures**
- * The message function
- * The schedules functions
- * Snivels
- * The personnel functions

Sg 2, fr 2
Print Menu

II. Printing procedures:

A. Two kinds of print capabilities are available: a screen print function and a “report” print function

B. Screen print

1. Press **<PF1>/Num Lock** to access the Screen Print option
2. Select **“Screen Print,”** and press **<Return>**
3. The print window will appear with the cursor flashing on the number of copies desired (defaults to one). Change the number of copies, if desired, then move the cursor down one level to the print queue
4. The print queue field has a “look-aside” defined by the brackets around the field, [CL2767LOB]. The “look-aside” is accessed by pressing (**<F9>/<F9>**). This provides a listing of all existing printer locations by queue name and location. To select a different printer than that defaulted, simply highlight the desired printer using the arrow keys

C. Full print option

1. Some functions have a print capability beyond that of just the screen. To see if the full print option is available, press (**<PF1>/Num Lock**). If the full print option is available, there will be a “Print” option, **<CTRL> -< P>**, shown under the PF1 listing
2. The same print window displaying number of copies and print queue will be displayed for user selection

III. The message function **1.1.8.4.14**

- A. If new messages have been received since the user last logged on, or he has not accessed and read messages previously received, a reminder appears at the bottom of the TASK SELECTION MENU that the user has unread messages
- B. Selecting "**Messages**" from the TASK SELECTION MENU and pressing the <Do> key allows the user to send or receive messages
- C. To send messages, select "**Send**" from the "Message Menu" and enter the "**Subject**," then tab to the Address portion of the screen. The cursor will default to the addressee (User ID) field
1. If the message is to a single specific addressee, type in the User ID, if known; otherwise, select the User ID from the "look-aside"
 2. To send a message to a specific workstation, such as "K21SKEDS," tab past the User ID, stopping on "Workstation." Enter the "look-aside" function and select the target workstation
 3. To send a message to a specific category of personnel, such as "Students," tab past the "User ID" and "Workstation," stopping on "Type Of Personnel." Enter the "look-aside" function and select the particular group to whom the message is to be sent
- D. To type the message contents:
- After entering the proper addressee, continue to tab, stopping in the message block. A set of lines will appear. Type the desired message into this space. The entire message must fit into this space; only one page is available for each message. No proper "word wrap" capability exists

Sg 3, fr 1

Lesson Organization

INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM

- * Accessing TIS
- * Printing procedures
- * **The message function**
- * The schedules functions
- * Snivels
- * The personnel functions

Sg 4, fr 1
Lesson Organization

INTRODUCTION
TO THE TRAINING
INTEGRATION SYSTEM

- * Accessing TIS
- * Printing procedures
- * The message function
- * **The schedules functions**
- * Snivels
- * The personnel functions

- E. There are two ways to transmit a message
1. Press **<CTRL>** and **<T>**
 2. Press the (**<PF4>**)/(on key pad) key, followed by the **<Return>** key
 3. Upon successful transmission, "Message sent" appears at the bottom of the screen

IV. The schedules functions **1.1.8.4.15**

- A. The daily schedule consists of a package of four training schedules plus the Cover sheet: Flight, Simulator, Lecture, and CAI Schedules. Each of these training schedules is accessed the same way, by highlighting "**Schedules**" on the TASK SELECTION MENU (or pressing **<S>**), and then pressing **<Return>**. This will allow selection of the type of training schedule required. Type in the date desired, and press **<Next Screen>**.
- B. To view all entries for a given line, highlight the desired line, then press **<CTRL-U>**. Then to view aspects of the line not shown, press **<F8>** **<Next Item>** until all fields have been viewed. To exit, press **<Previous screen>**
- C. To exit from the Schedules function, press (**<F20>**/**<Shift F10>** or ESC). This takes you back to the TASK SELECTION MENU.
- D. To format the schedule screen with other items (fields), select the format option from (**<PF4>**)/(on keypad)). Up to 10 different formats can be saved by identifying the formats from zero through 9. (Zero is used as the default format)
- E. The Wing Schedule function is used to access any of the four training schedules, and will show all Wing organizations on the same schedule
- F. To access the Schedule Cover Sheet for your squadron, access "**SCHEDULES**" from the SUBSYSTEM MENU, then "**COVER SHEET.**" It is defaulted to tomorrow's

date. Press **<Next Screen>** to view the watches, and then navigate by pressing **<Next Screen>**, **<Previous Screen>**, or (**<F20>/<Shift F10>** or ESC) to exit

V. Snivels 1.1.8.4.18

- A. The snivel function has two main uses: to enter your own snivels or to view another user's snivels. To access the snivel function, select "**SCHEDULES**" on the "SUBSYSTEM MENU" and press **<Return>**. Next, select "**SNIVEL LOG**" on the "APPLICATION" menu
- B. To view the snivel log:
1. Select "**VIEW**" on the "ACTION MENU" and press **<Return>**. The screen will then prompt you to press **<Do>** to continue
 2. Enter the desired SSN, "Schedule name," or last name in the appropriate space and then press **<NEXT SCREEN>**. The requested snivel information appears on the screen
- C. To add a snivel:
1. The snivel log "ACTION MENU" appears defaulted to the "ENTER/UPDATE" mode. Simply press **<Return>**, followed by **<Do>** when prompted
 2. Enter the desired SSN, "Schedule name," or last name in the appropriate space, and then press **<Next Screen>**
 3. Press (**<PF3>/*(on keypad)**), highlight "**ADD,**" and press **<Return>**. The "ADD" window should appear at the bottom of the screen
 4. Enter the required information in each space and tab to the next until the "ADD" window is complete. (Note: If it is a single snivel, enter "**S**" under type. If it is a periodic snivel, enter "**P**" under type. For periodic snivels, enter "**Day of Week**" field)

Sg 5, fr 1
Lesson Organization

INTRODUCTION
TO THE TRAINING
INTEGRATION SYSTEM

- * Accessing TIS
- * Printing procedures
- * The message function
- * The schedules functions
- * **Snivels**
- * The personnel functions

5. After the snivel data is entered, press **<Do>**. Press **<Previous Screen>** to remove the “ADD” window. Press (**<F18>/<Shift F8>** or Enter (on keypad)) to save new snivel information. Finally, press (**<F20>/<Shift F10>** or ESC) to exit

D. To delete a snivel:

1. The snivel log “ACTION MENU” will appear defaulted to the “ENTER/UPDATE” mode. Simply press **<Return>**, followed by **<Do>** when prompted
2. Enter the desired SSN, “Schedule name,” or last name in the appropriate space, and then press **<Next Screen>**
3. Use the arrow keys to highlight the snivel you want to delete. When the desired snivel is selected, press (**<PF3>/*(on keypad)**), highlight “**delete,**” and press **<Return>**
4. When asked, “Are you sure you want to delete this entry?”, press **<Y>**. The snivel should disappear from the screen
5. To delete additional snivels, repeat steps 1-4. When finished, press **<F18>** to save changes

E. To modify a snivel:

1. The snivel log “ACTION MENU” appears defaulted to the “ENTER/UPDATE” mode. Press **<Return>**, followed by **<Do>**

Sg 6, fr 1
Lesson Organization

INTRODUCTION
TO THE TRAINING
INTEGRATION SYSTEM

- * Accessing TIS
- * Printing procedures
- * The message function
- * The schedules functions
- * Snivels
- * **The personnel functions**

VI. The personnel function **1.1.8.4.17, 1.1.8.4.20**

- A. At the time of wing check-in, certain pieces of personal information were entered into TIS. This data, such as birthdate, home of record, date of rank, etc., needs to be verified for accuracy
- B. Access “Personnel” from the subsystem menu, and then “Squadron Check In.” Enter your name and press **<Next**

- Screen>**. Verify all entries for correctness, and then press (<PF2>//(on keypad)) to access Student/Instructor Information. Confirm all data shown is correct
- C. To access the Watch Bill, select “**Personnel**,” and then “**Watch Bill**” from the Applications Menu. Highlight the specific watch desired, and press <Next Screen>. To select a different watch, press <Previous Screen>, or to exit, press (<F20>/<Shift F10> or ESC).

Sg 7, fr 1
Review Menu

INTRODUCTION TO THE
TRAINING INTEGRATION
SYSTEM REVIEW MENU

1. Entire lesson
2. Accessing TIS
3. Printing procedures
4. End this lesson

Please select

SUMMARY

In this lesson, we covered:

- * Accessing TIS, "User ID" and passwords
- * Printing
- * The message function
- * The schedules functions
- * Snivels
- * The personnel functions

CONCLUSION

You have learned how to use the TIS system to view a variety of information. It is important for you to keep track of where you are in the curriculum--being aware of your future as well as your past will keep you on top of your aviation training.

LESSON GUIDE

COURSE/STAGE: TS, ADV & IUT Aviation Student/Instructor
Indoctrination

LESSON TITLE: Introduction to CAI

LESSON IDENTIFIER: T-45C TS & ADV ASI-06; IUT AII-02

LEARNING ENVIRONMENT: CAI

ALLOTTED LESSON TIME: 1.0 hr

LESSON PREPARATION: N/A

STUDY RESOURCES: N/A

REINFORCEMENT: N/A

LESSON EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES

1.1.8.4.4

Receive information on the operation of CAI devices for training

LESSON NOTES

In order to start the computer-assisted portion of this lesson, you must "login."

NOTE: If the CAI computer(s) are not powered up, contact the Learning Center Instructor.

- *Locate an unoccupied learning carrel*
- *You should have a screen display which requests your login information*

** Logging in*

- *Type in your student identification or schedule name in the Enter Student Identification dialog box.*



Your Schedule Name was assigned when you checked into the Wing

Your Schedule Name is normally the first letter of your first name and the first five letters of your last name. If your six letter schedule name would be identical to one in the system, your schedule name would be the first letter of your first name, your middle initial, and the first four letters of your last name

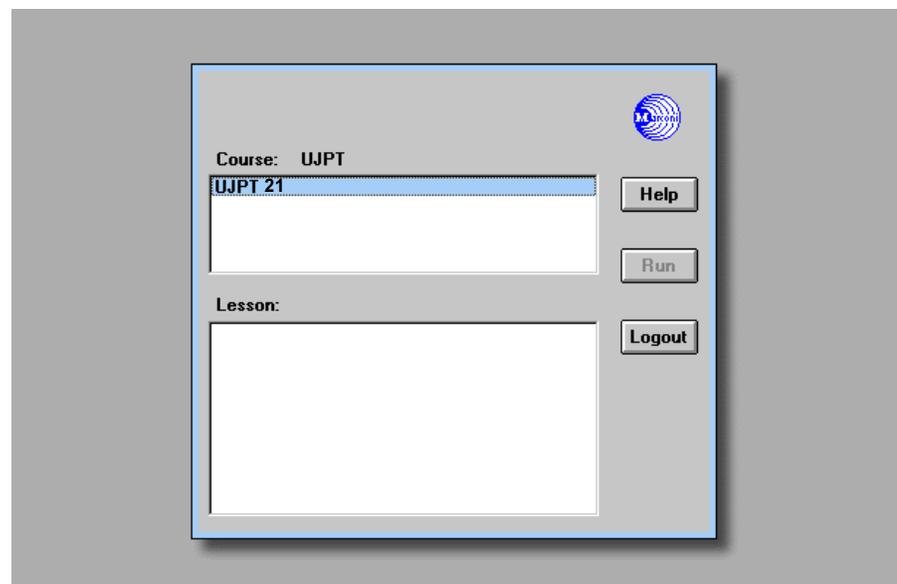
LESSON NOTES (cont.)

You can use upper or lower case when entering your schedule name

- Click on "OK"; a password is not required
- If a User Not Registered dialog box is displayed click on OK or press ENTER and reenter your schedule name. Contact the Learning Center Instructor if you continue to have problems



- You will see the course and lesson assignment selection dialog box. The course UJPT 21 is listed in the Course dialog box



- Click on UJPT 21 to see your assigned lesson
- Your lesson is displayed in the Lesson dialog box; to start the lesson or test, highlight the lesson by clicking on it then click on run
- To control your progress through the initial stages of this lesson, you should press a mouse button or the ENTER key

LESSON NOTES (cont.)

NOTE: Remember that the computer is intended to be used as described and deviation from the stated procedures are discouraged. If you are familiar with computers, you may want to reboot when you run into a snag--do not do so. Rebooting generates an alarm in the nature of an alert printout in the computer room. Instead, contact the Learning Center instructor for help.

MOTIVATION

During your academics training you will take about 25 lessons and all of your course tests on computers in the Learning Center. To maximize your computer-assisted instruction (CAI) sessions, you must learn how CAI works. Among other items, you need to know the meanings of the screen displays, the terminology used, and the options presented.

OVERVIEW

The goal of this lesson is to acquaint you with the operation of the CAI device. You will also receive an overview of the Learning Center and its role in your training.

This lesson addresses the following topics:

- * Login procedures
- * Learning Center
- * CAI control
- * CAI question types
- * CAI block examinations

PRESENTATION

- I. Login procedures: fully prompted for you to select or continue CAI assignments
 - A. Student log on to Mandarin: schedule name (i.e. normally the first letter of your first name and the first five letters of your last name)
 - B. Course/Lesson dialog box
 1. Select Course
 2. Select assigned lesson or test and click on the RUN icon
 - C. Complete assignment
 - D. Logout or select another lesson
- II. Learning Center
 - A. Purpose: to provide a central location for independent study, CAI training, and testing
 - B. Hours: as posted on the Learning Center door; allow time to complete any assignment during posted hours
 - C. Resources
 1. Learning Center Instructor
 - a. Responsibilities: to assist students using the Learning Center and any of its resources
 - b. On-duty hours: as posted on the Learning Center door
 2. The Learning Center (used only when an instructor is on duty)
 - a. Computer
 - b. Color monitor
 - c. Keyboard--used as primary input device
 - (1) ENTER
 - (a) Press to move from one screen to the next
 - (b) Press to submit keyboard entry for evaluation

- (2) Backspace--erases keyboard input
 - d. Mouse--used for cursor control, icon selection, and lesson
 - e. Headphones
 - D. CAI input devices
 - 1. Keyboard
 - a. Key groups
 - (1) Alpha keys
 - (2) Number keys
 - (3) Number keypad
 - b. Important individual keys and keystroke combinations
 - (1) Num Lock
 - (2) ENTER
 - (3) Back Space
 - 2. Mouse--used for pointing device, cursor control, icon selection; also provides user control through lesson
- III. CAI control
 - A. CAI control icons
 - 1. MORE
 - 2. BACK
 - 3. GLOSSARY
 - 4. COMMENTS
 - 5. REPEAT
 - 6. HELP
 - 7. EXIT
 - B. Menus

IV. CAI question types

A. Multiple choice (response may be entered with the keyboard or mouse)

1. Single response
2. Multiple response--select all the answers that apply
 - a. Click on JUDGE icon to evaluate answer
 - b. Click on ERASE icon to clear selections then reenter answers

B. Touch question (mouse input)

1. Single response
2. Multiple response--select all the answers that apply
 - a. Click on JUDGE to evaluate answers
 - b. Click on ERASE to clear selections then reenter answers

C. Constructed response

1. Prompts
2. Series questions--separate items with a blank (space bar) or a comma (e.g., 99 88 77 or 99,88,77)
3. Numbers

D. True/False

V. CAI block examinations

A. Time limits

B. Student control icons

1. MORE
2. EXIT
3. NAVIGATE
4. RESUME
5. SHOW MEDIA

- 6. TEST
- 7. TAG
- 8. JUDGE
- C. Examination Booklet

SUMMARY

During this lesson, we discussed

- * Login procedures
- * Learning Center
- * CAI control
- * CAI question types
- * CAI block examinations

CONCLUSION

Learning and being tested in CAI are simple. This lesson has provided you with the tools necessary to learn content presented in CAI. CAI lessons are opportunities to work at your own pace.

LECTURE GUIDE

COURSE/STAGE: TS & ADV Aviation Student Indoctrination

LESSON TITLE: Introduction to IFT

LESSON IDENTIFIER: T-45C TS & ADV ASI-07

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 1.5 hr

TRAINING AIDS:

- * Figures
 - Fig 1: Cockpit Control Panel
 - Fig 2: Cockpit Emergency Power Off Switch
 - Fig 3: Left Control Panel
 - Fig 4: Center Control Panel
 - Fig 5: Right Control Panel

STUDY RESOURCES: N/A

LESSON PREPARATION: N/A

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES

1.1.8.4.1

Receive information on features of OFT/IFT equipment

1.1.8.4.1.2

Receive information on OFT/IFT event setup and safety

MOTIVATION

The T-45C simulators are highly effective and versatile training devices that should be handled with the same care and concentration you would afford the T-45C aircraft. From Fam through CQ, the T-45C simulators offer realistic initial and remedial training. Recall that, a simulator event has the same effect on your grade point average as does a flight in the aircraft.

OVERVIEW

At the end of this orientation you will be familiar with the design, features, and operation of the T-45C IFT and OFT simulators.

In this T-45C simulator orientation, we will examine:

- * Introduction to the T-45C simulators
- * Components
- * Simulator operation and safety procedures

PRESENTATION**LESSON NOTES**

Throughout, this lesson addresses features common to the OFT and IFT simulators unless otherwise specified.

- I. Introduction to the T-45C simulator
 - A. Purpose: to develop your knowledge of normal and emergency procedures and your skills and techniques for flying the T-45C without the costs associated with an actual aircraft flight
 1. Performs emergency/malfunction procedures without risk to life or aircraft
 2. Provides remedial practice on specific areas of difficulty
 3. Allows for flight training when weather conditions and/or scheduling conflicts would otherwise keep aircraft flights grounded
 4. Provides warmup events
 - B. Types **1.1.8.4.1**
 1. OFT simulates IFR and VFR flight
 - a. Fully projected frontal visual presentation
 - b. No motion
 - c. Functional HUD (head-up display)

Sg 1, fr 2
Lesson Organization

INTRODUCTION
TO IFT

- * Introduction to the T-45C simulator
- * T-45C simulator components
- * Simulator event setup and safety

2. IFT simulates IFR flight
 - a. No projected visual presentation
 - b. No motion
 - c. Functional HUD

PROGRESS CHECK

Question 1 — 1.1.8.4.1

What is the major difference between the T-45C OFT and IFT simulators?

ANSWER: OFT simulates IFR and VFR flight with a fully projected visual presentation, whereas IFT simulates IFR flight without a projected visual presentation.

Sg 2, fr 2
Lesson Organization

INTRODUCTION TO IFT

- * Introduction to the T-45C simulator
- * **T-45C simulator components**
- * Simulator event setup and safety

II. T-45C simulator components **1.1.8.4.1**

A. Student station (cockpit)

NOTE: Excepting the following additions to the simulator, the simulator and aircraft forward cockpits are identical.

1. Cockpit control panel
 - a. Location: left side of aft bulkhead
 - b. Functions
 - (1) AURAL: enable/disable aural system
 - (2) MOTION: non-functional
 - (3) HEADSET VOL: controls aural system volume between instructor and student

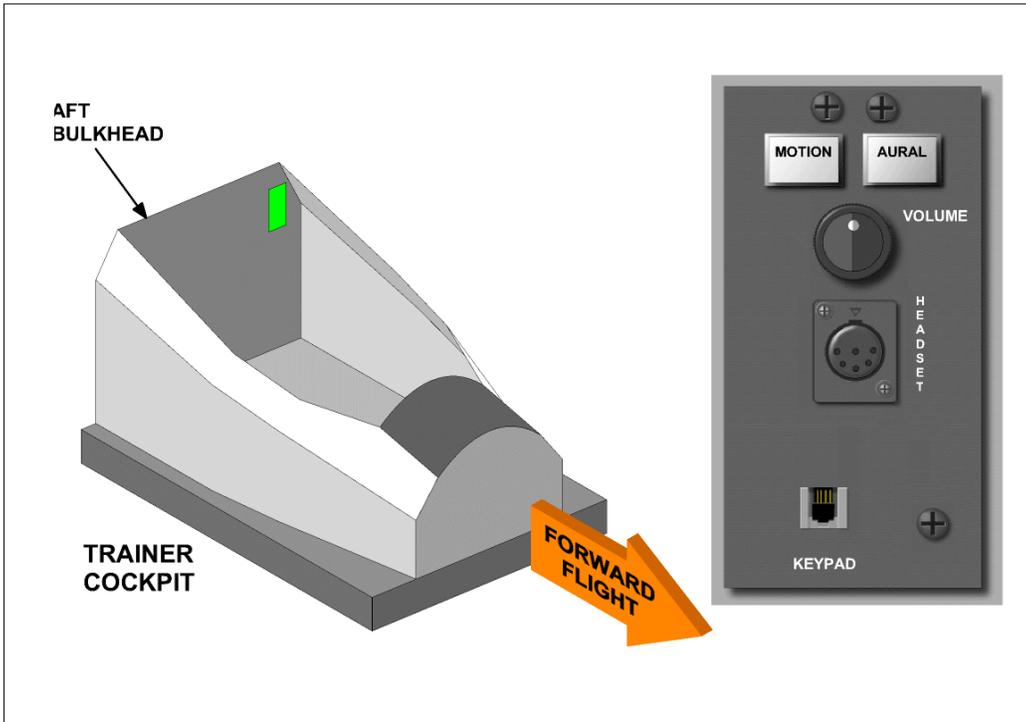


Figure 1: COCKPIT CONTROL PANEL

Sg 2, fr 3
Fig 1: Cockpit
Control Panel

- (4) HEADSET: cockpit headset connection
2. Main instrument panel: identical to the forward cockpit of the aircraft
3. Cockpit emergency power off switch
 - a. Location: left side of aft bulkhead inboard of cockpit control panel
 - b. Function: removes all electrical power to cockpit, except
 - (1) Communications
 - (2) Emergency lighting
 - (3) Breathing air

Sg 2, fr 4
Fig 2: Cockpit
Emergency Power Off
Switch

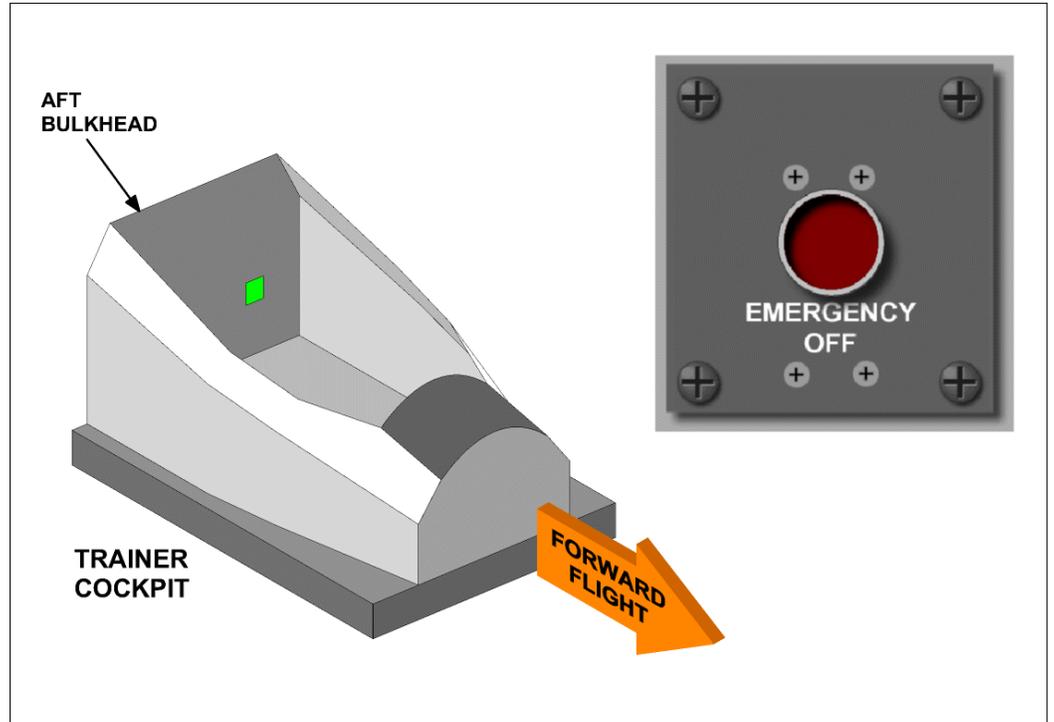


Figure 2: COCKPIT EMERGENCY POWER OFF SWITCH

PROGRESS CHECK

Question 2 — 1.1.8.4.1

What are the three major components of the student station (cockpit)?

ANSWER:

1. Cockpit control panel
2. Main instrument panel
3. Cockpit emergency power off switch

- B. Instructor Operator Station (IOS): located behind student station. Knowing how the Instructor controls the simulator and what functions are available will allow you to ask for help in specific areas; this also reinforces other safety devices and controls available while you are in the simulator.

NOTE: The IFT and OFT instructor operator stations are identical, with the exception of the HUD repeater, which is not part of the IFT IOS.

1. HUD repeater
 - a. Location: separate unit, left side of left CRT/control panel
 - b. Function: reproduces cockpit HUD displays at IOS and repeats center channel scene content
2. Left control panel

Sg 2, fr 5
Fig 3: Left Control Panel

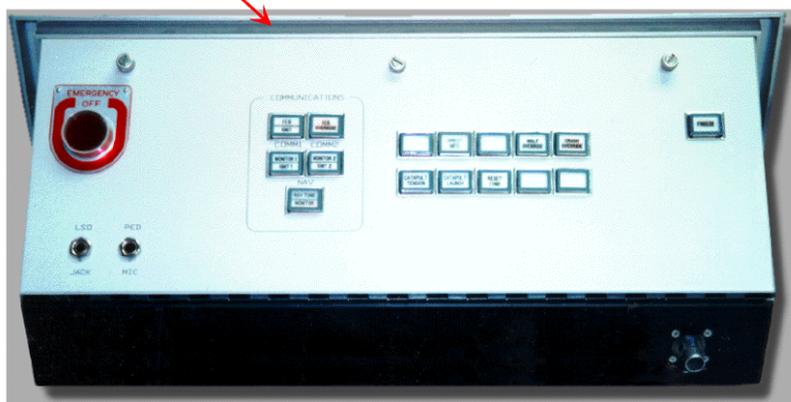


Figure 3: LEFT CONTROL PANEL

- a. Location: left side of IOS
- b. Functions
 - (1) EMERGENCY OFF: removes all electrical power to cockpit, except
 - (a) Communications
 - (b) Emergency lighting
 - (c) Breathing air
 - (2) COMMUNICATIONS
 - (a) COMM 1, COMM 2, and ICS indicator lights/switches
 - i) Top half: steady illumination when student is monitoring device
 - ii) Bottom half
 - a) Steady illumination when IOS operator is monitoring device
 - b) Light flashes when student is transmitting
 - (b) ICS OVERRIDE: disables all navigation tones and automatic voice routines and overrides student communication
 - (c) NAV TONE: illuminates when student pilot is monitoring NAVAID identifier (VOR, TACAN, and ILS)
 - (d) MONITOR: enables instructor to monitor student-selected navigation tones

- (3) DIRECT MFD: Not functional
 - (4) MALFUNCTION OVERRIDE: permits effects of ongoing malfunctions to be eliminated and restores all malfunctioning aircraft systems to normal
 - (5) CATAPULT TENSION: sets tension for catapult launch aboard carrier
 - (6) CATAPULT LAUNCH: fires catapult
 - (7) CRASH OVERRIDE: permits simulator to fly through crash conditions, allowing event to continue without simulator going to freeze mode
 - (8) RESET COND: causes trainer to reinitialize at last selected IC (Initial Condition) set, allowing restart at specified position
- c. FREEZE: immediately halts all trainer progress and holds in place all indications, control positions, and visual scene elements
3. Left CRT
- a. Location: left side of IOS above left control panel
 - b. Function: monitors simulator status

Sg 2, fr 6

Fig 4: Center Control Panel

4. Center control panel



Figure 4: CENTER CONTROL PANEL

- a. Location: center of IOS
- b. Functions
 - (1) Speaker: monitors student communications
 - (2) VOLUME: adjusts speaker volume for operator
 - (3) Digital clock: displays local time or stop watch features

5. Right CRT

- a. Location: center of IOS above center control panel

b. Function: monitors simulator status

6. Right control panel

Sg 2, fr 7
Fig 5: Right Control Panel

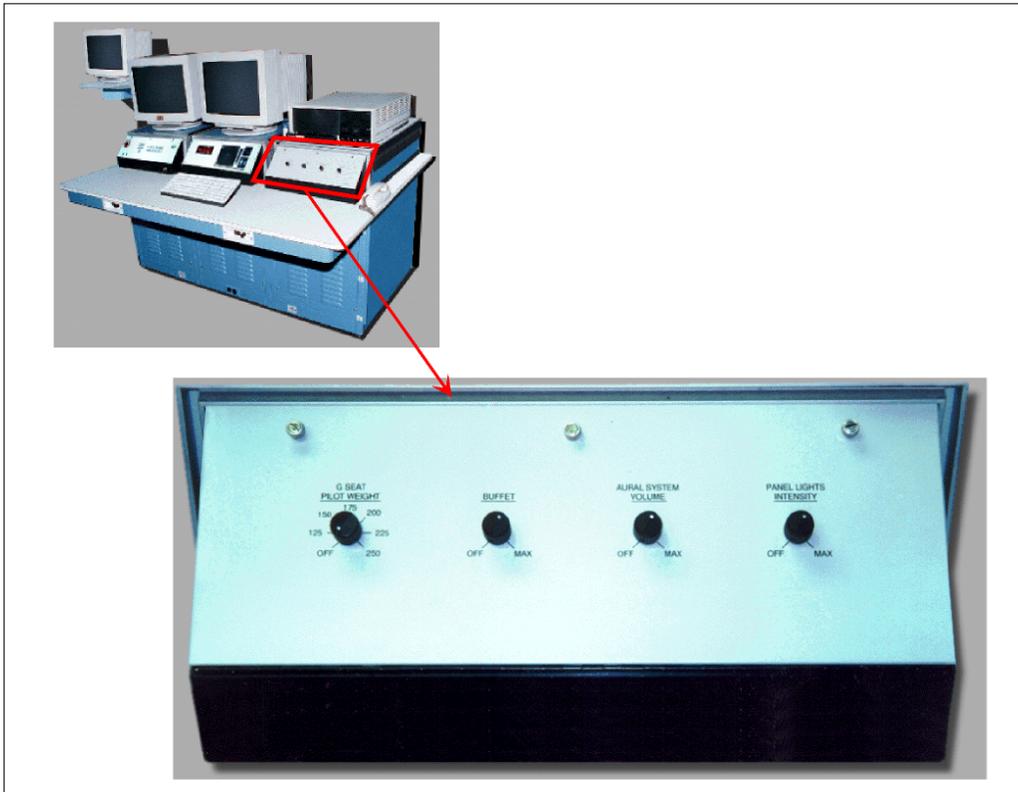


Figure 5: RIGHT CONTROL PANEL

a. Location: right side of IOS

b. Functions

- (1) G-SEAT PILOT WEIGHT: sets pilot weight for simulated g-seat cues to be transmitted to seat
- (2) BUFFET: sets turbulence level (range: OFF to MAXIMUM)
- (3) AURAL SYSTEM VOLUME: adjusts presentation amplitude for aural system

(4) PANEL LIGHT INTENSITY: adjusts IOS panel lighting level

7. Printer station

- a. Location: right side of IOS above right control panel
- b. Function: creates hardcopy printouts of selected CRT display(s)

PROGRESS CHECK

Question 3 — 1.1.8.4.1

What are the seven major components of the IOS?

ANSWER:

1. HUD repeater
2. Left control panel
3. Left CRT
4. Center control panel
5. Right CRT
6. Right control panel
7. Printer station

III. Simulator event setup and safety 1.1.8.4.1.2

LESSON NOTES

The Fam landing pattern sequence will be the first demonstration.

During this portion of the simulator class, an IP should demonstrate each event and procedure. Begin with the IP outside the simulator, demonstrating proper preparation for the sim event. Coordinate each lesson with the IP so that you will be able to narrate the IP's actions in the cockpit.

A. Simulator guidelines

1. Malfunctions: report to instructor, who will contact simulator maintenance
2. Emergencies
 - a. EMERGENCY OFF button located left control panel and aft left bulkhead of cockpit terminates all power to simulator (except emergency lighting, and communications)
 - b. Contact instructor
3. Days/hours of operation: 0600-2200 Monday through Friday
4. Scheduling
 - a. Required simulator events scheduled by scheduling officer, available on flight schedule
 - b. Required simulator work scheduled through scheduling officer
 - c. Student-initiated practice scheduled on space-available basis through scheduling office or simulator contractor front desk

Sg 3, fr 2
Lesson Organization

INTRODUCTION TO IFT

- * Introduction to the T-45C simulator
- * T-45C simulator components
- * **Simulator event setup and safety**

5. Rules

- a. No smoking, eating, or drinking in simulator or on simulator platform
- b. Time must be specifically scheduled through the scheduling officer

B. Simulator safety

1. Spatial disorientation (OFT)



What should you do if you are spatially disoriented after a sim flight?

ANSWER: Sit down for a few minutes, get reoriented, avoid driving for at least 10 minutes.

- a. Freeze mode should be used only when in level flight attitude to prevent severe disorientation
- b. Observers should be extremely careful when on platform during flights: protective railings are lowered and cannot prevent falls
- c. Darkness: low-light condition presents possibility of falling
- d. Effects of flight can leave pilot/observer spatially disoriented for several hours following simulator event

NOTE: If you experience spatial disorientation, sit down for a few minutes, get reoriented, and avoid driving for at least 10 minutes.

NOTE: SOLO events will not be scheduled/ flown same-day following an OFT event.

2. Power outages
 - a. Emergency lighting provided
 - b. Protective railings cannot rise into place
- C. Simulator cockpit configuration
 1. Verify gear down dependent on IC selected
 - a. Strap in
 - b. Hook up g-suit
 2. Demonstration of Fam event
 - a. Backward chaining capability
 - b. Simulation of critical malfunction
 - c. Demo
 - d. Replay
 - e. Rerun

Sg 7, fr 1
Review Menu

SUMMARY

In this lesson you have been briefed on the following aspects of the T-45C simulator:

- * Purpose and uses
- * Components
- * Safety considerations
- * Simulator operation
- * Demonstration

CONCLUSION

The T-45C simulator provides a realistic environment for you to practice the procedures and maneuvers you will experience later in flight. It efficiently assists you in learning new concepts and practicing previously taught ones. Used with the T-45C aircraft, this simulator will enable you to receive the best flight training available anywhere in the world.

LECTURE GUIDE

COURSE/STAGE: TS & ADV Aviation Student Indoctrination

LESSON TITLE: Introduction to the Training Integration System, Part 2

LESSON IDENTIFIER: T-45C TS & ADV ASI-08

LEARNING ENVIRONMENT: Classroom

ALLOTTED LESSON TIME: 1.0 hr

TRAINING AIDS:

- * TRAWING One TIS User's Guide

STUDY RESOURCES: TIS User's Manual, Volumes 1 through 8

LESSON PREPARATION:

- * Read TRAWING ONE TIS User's Guide

REINFORCEMENT: N/A

EXAMINATION: N/A

(2-02) ORIGINAL

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LESSON OBJECTIVES**1.1.8.4.12**

Receive instruction on procedures for using TIS subsystems: curriculum

1.1.8.4.13

Receive procedures for using TIS subsystems: yellowsheets

1.1.8.4.21

Receive procedures for using TIS subsystems: schedules

1.1.8.4.16

Receive procedures for using TIS subsystems: performance records

MOTIVATION

The Training Integration System (TIS) was developed for the Navy to automate the functions of tracking Strike student training and instructor-under-training (IUT) administrative details. Student performance, scheduling, resource management, and other record keeping functions are facilitated through the use of TIS. Administrative functions, though necessary, should not interfere with or otherwise adversely affect training. Entry of data into TIS in a timely and accurate fashion will ensure this and make your working life and that of your coworkers much easier. Delayed or erroneous entries cause errors that others must repair, resulting in higher costs to the Navy (and taxpayers) in time and money.

OVERVIEW

This lesson will introduce you to TIS, its functions, and how these functions interface with themselves and the user. As a Naval aviator, your flight time will be recorded with NAVFLIRS and for the remainder of your flight training, instruction data (yellowsheets) will be recorded in TIS and electronically transmitted up the line. This lesson is the final TIS training session for students. At the conclusion of this lesson, the student will be able to move smoothly through the curriculum function, enter yellowsheets, verify event completion (X's) status on the schedule, and review personnel grade data.

In this lesson, the following topics will be covered:

- * Curriculum functions
- * Filling out yellowsheets
- * Schedules executions/waive events
- * Performance records

OVERVIEW (Cont)

The TASK SELECTION MENU shown depicts all functions available. The specific functions available to the user depend on the terminal being used and the user's specific job, i.e., student, instructor, or CO.

PRESENTATION

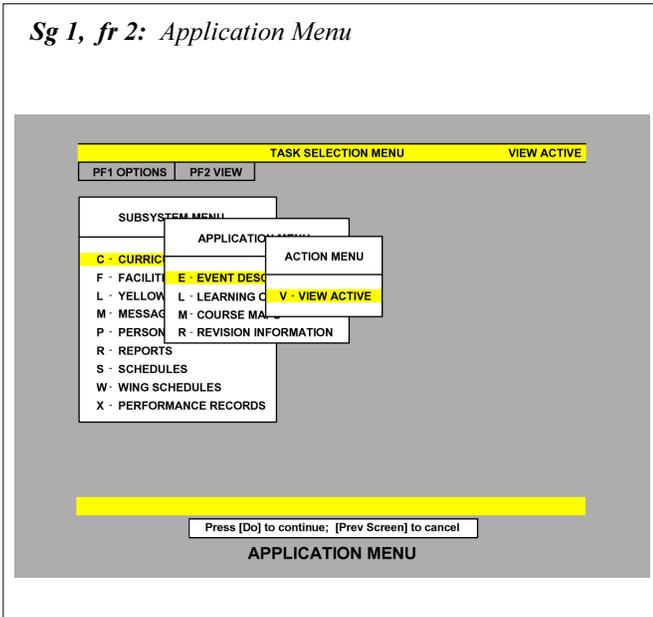
- I. The Curriculum Function **1.1.8.4.21**
 - A. By selecting CURRICULUM from the SUBSYSTEM MENU, you may view the various curricula in the TIS database. You can view specific events, learning objectives, course revision information, or the course map for a particular curriculum
 - B. To view a specific event or the course map, highlight CURRICULUM in the SUBSYSTEM MENU and press **<RETURN>**
 1. Highlight EVENT DESCRIPTIONS and press **<RETURN>**, then **<DO>**. This will bring up the EVENT SELECTION menu allowing you to identify the desired COURSE/VERSION by using the look-aside. If the event ID is known, type it in the appropriate field; if not, select the event from the **<F9>** option and press **<RETURN>**. The medium of the event will be displayed. Press **<NEXT SCREEN>**
 2. The EVENT INFORMATION MENU will be displayed. This menu will vary depending on the type of event, i.e., class, CAI, sim, or flight. By selecting any of the available options, you can view specific information pertaining to the selected event

Sg 1, fr 1: Lesson Organization

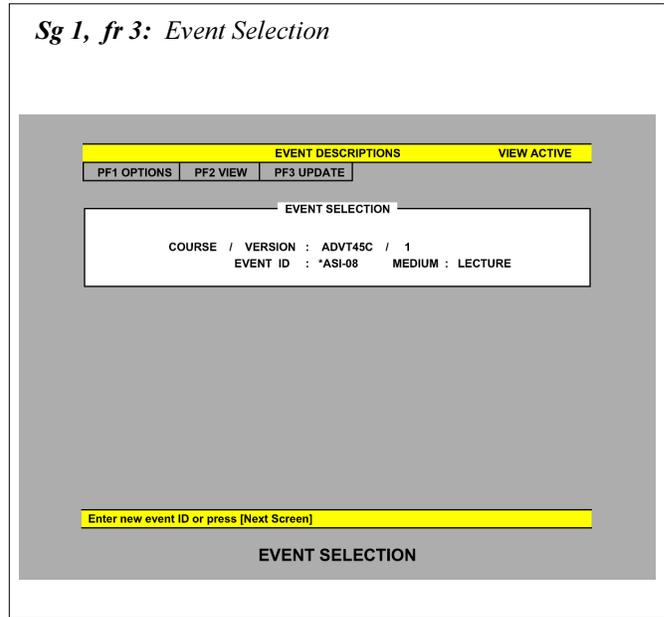
INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM

- * Curriculum Function
- * Yellowsheets
- * Waive Events
- * Performance Records

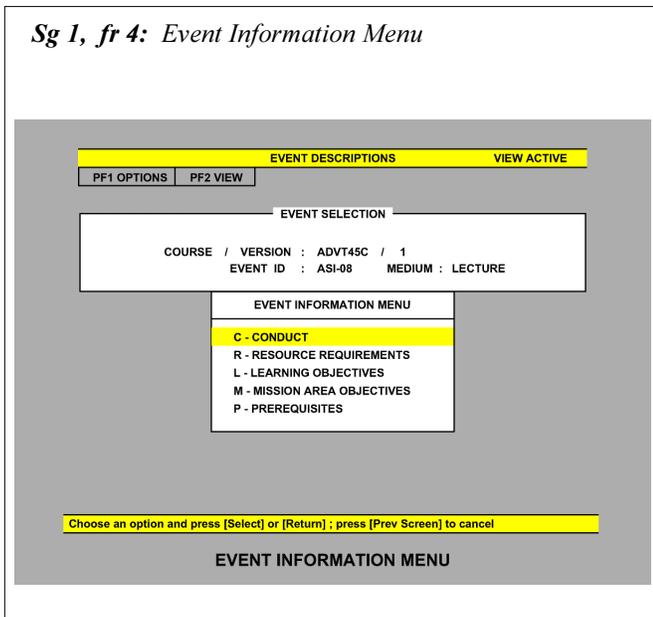
Sg 1, fr 2: Application Menu



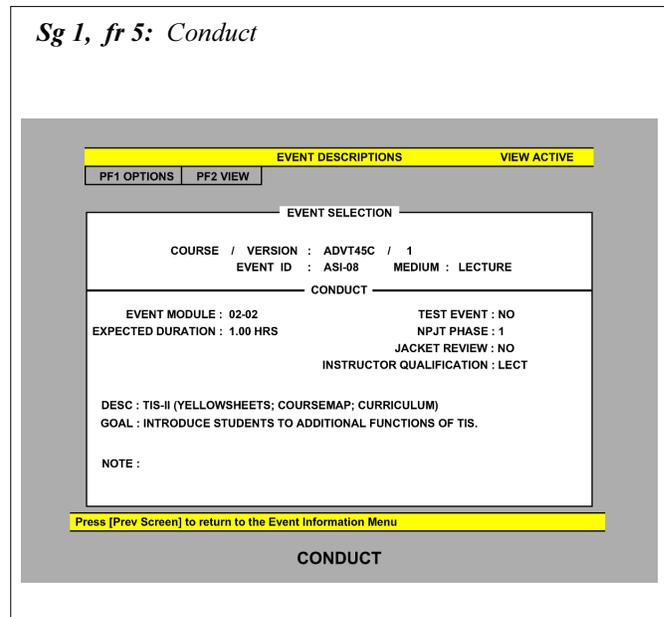
Sg 1, fr 3: Event Selection



Sg 1, fr 4: Event Information Menu



Sg 1, fr 5: Conduct



II. Filling Out Yellowsheets 1.1.8.4.22

- A. Yellowsheets must be filled out for simulators and flights. To fill out a yellowsheet, highlight **YELLOWSHEET** in the **SUBSYSTEM MENU** and press **<RETURN>**. Highlight **FLIGHT DATA** or **SIMULATOR DATA** on the **APPLICATION MENU** and press **<RETURN>**. The **ACTION MENU** will appear with the **ADD** and **VIEW** options
- B. To fill out a yellowsheet, select the **ADD** option
- Press **<DO>** and the **SELECTION INFORMATION** screen will appear. **<TAB>** to the **SCHEDULE DATA** field and enter the desired date. Press **<NEXT SCREEN>** and the **SCHEDULE SELECTION** screen will appear. All events scheduled for the student or IUT will appear on the screen
 - Press **<PF3>**, highlight **MODIFY**, and press **<RETURN>**. The **MODIFY** window will appear. Enter the status for the event. By using the look-aside, the following status options are available: "N" - cancelled, "I" - incomplete or "C" - complete. If "N" or "I" is selected, a reason must be included on the yellowsheet. The aircraft side number must also be entered at this time. After entering the event status and side number, press **<DO>**

Sg 2, fr 1: Lesson Organization

INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM

- * Curriculum Function
- * **Yellowsheets**
- * Waive Events
- * Performance Records

Sg 2, fr 2: Yellow Sheets

Sg 2, fr 3: Yellow Sheets - Select Schedule

Sg 2, fr 4: Yellow Sheets - Modify

Sg 2, fr 5: Yellow Sheets - T/O Time

NAVAL AIRCRAFT FLIGHT RECORD ADD

PF1 OPTIONS PF2 VIEW

SELECTION INFORMATION

Document Number : T.JONES Schedule Date : 12 MAR 98

LOGISTICS DATA: FAM-03

DEPARTURE DATA		ARRIVAL DATA		Trng	Sys	Leg
Leg	Time	Date	ICAO	Time	Date	ICAO
1	1100	12 MAR 98	KNMM	1200	12 MAR 98	KNMM
				21K	F	0.0

ADD

Enter arrival time

YELLOW SHEETS - T/O TIME

Sg 2, fr 6: Yellow Sheets - Aircrew Data

NAVAL AIRCRAFT FLIGHT RECORD ADD

PF1 OPTIONS PF2 VIEW

SELECTION INFORMATION

Document Number : T.JONES Schedule Date : 12 MAR 98

LOGISTICS DATA: FAM-03

AIRCREW DATA

Schedule Exc	Name	Code	SSN	Spl	Qual	Svc	Fpt	Cpt	Sct	Act	Sim	Night	Time
	RFOLEY		471-80-2860	1	1.5								

ADD

Name	Code	SSN	Qual	Svc	Fpt	Cpt	Sct	Act	Sim	NTime
DAVIS					0.0	1.5				

LANDINGS APPROACHES

T No	T N	T N	T N	T N	T N	T N	Event ID
1							FAM-03

ADD

Enter type of landing

YELLOW SHEETS - AIRCREW DATA

Sg 2, fr 7: Yellow Sheets - Add Window

NAVAL AIRCRAFT FLIGHT RECORD ADD

PF1 OPTIONS PF2 VIEW

SELECTION INFORMATION

Document Number : T.JONES Schedule Date : 12 MAR 98

LOGISTICS DATA: FAM-03

AIRCRAFT DATA

Exception Code : 165080

Bureau / Serial Number : ATNC

Type Equipment Code : T19

Organization Code : ON

Support Code : 1

Total Flights : 1

Operations Code : 1

Catapult Launch /

Jet Assisted Takeoff :

Time Zone : S

Number of Missions Flown : 1

Number	Code	Hours
1	1D1	1.5

ADD

Enter code which most accurately describes mission for event

YELLOW SHEETS - ADD WINDOW

- Highlight the schedule line and press **<SELECT>**, then press **<NEXT SCREEN>**. The LOGISTICS DATA screen will appear. Fill in the correct T/O time. If all other information is accurate, **<TAB>** to the next blank field and enter the correct ARR time. Press **<DO>** and the total LEG DURATION will appear in the appropriate field. If multiple legs were flown, fill in the ADD window for the subsequent leg(s) and then press **<DO>**
- When all logistical data has been entered, press **<PREV>** followed by **<NEXT SCREEN>** to access the AIRCREW DATA screen. Tab to each space and fill in the appropriate information. When completed, press **<DO>**. If changes are required, use the **<PF3>** key. When all information is correct, press **<NEXT SCREEN>**
- The AIRCRAFT DATA screen will appear. Most of the aircraft data is automatically filled in. The ADD window will be present and the TMR code defaulted to the specific event flown. If a change is required, enter the correct TMR code followed by **<DO>** and **<PREVIOUS SCREEN>**

6. If no WEAPONS AREAS were used and all information is correct, press **<F18>** to save the yellowsheet. No weapons areas are available on simulator yellowsheets. If a WEAPONS AREA was used, press **<NEXT SCREEN>**. The WEAPONS TRAINING AREA DATA screen will appear. Press **<PF3>**, highlight ADD, and press **<RETURN>**. The ADD window will appear. Press **<F9>**, highlight the area used, and press **<RETURN>**. Tab to the HOURS field, enter the correct time, and press **<DO>**. If more than one WEAPONS AREA was used, repeat the previous steps. When complete, press **<PREVIOUS SCREEN>**, followed by **<F18>**
7. When the yellowsheet is saved, the PRINT window will appear and the yellowsheet can be printed. When finished, press **<F20>** to return to the SUBSYSTEM MENU
8. Sometimes two users will be attempting to save a yellowsheet simultaneously. When this occurs, the first user will receive the PRINT window while the second user will receive a message saying, "YELLOW SHEET NOT SAVED. Please try later." The second user's system will then exit to the subsystem menu

Sg 2, fr 8: Yellow Sheets - Weapons Training Area

NAVAL AIRCRAFT FLIGHT RECORD ADD

PF1 OPTIONS PF2 VIEW

SELECTION INFORMATION

Document Number : TJONES Schedule Date : 12 MAR 98
Schedule Name : TJONES

LOGISTICS DATA : FAM-02

AIRCREW DATA

AIRCRAFT DATA

WEAPONS TRAINING AREA DATA

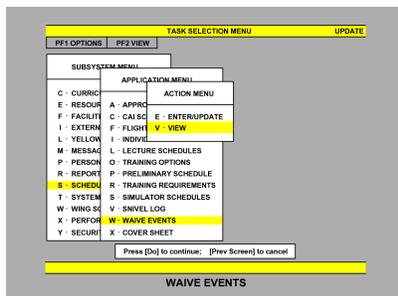
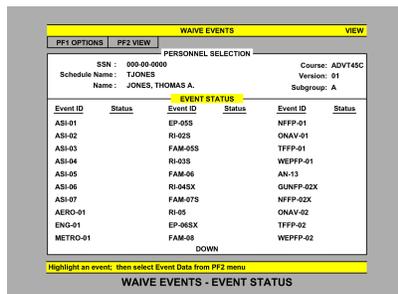
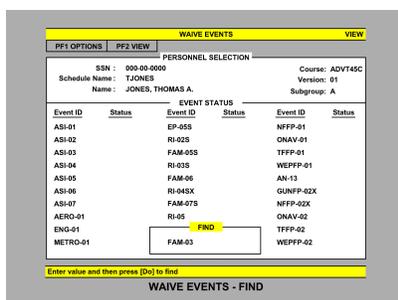
Area	Hours	Schedule Name
R4404	1.0	RFOLEY

Enter TRNG AREA time in hours and tenths

YELLOW SHEETS - WEAPONS TRAINING AREA

Sg 3, fr 1: Lesson Organization**INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM**

- * Curriculum Function
- * Yellowsheets
- * **Waive Events**
- * Performance Records

Sg 3, fr 2: Waive Events**Sg 3, fr 3: Waive Events - Event Status****Sg 3, fr 4: Waive Events - Find****III. Schedules 1.1.8.4.24**

- A. The SCHEDULES function was discussed in the first TIS lecture. All information regarding scheduling and snivels were covered and should be familiar to the TIS user. Modification of the flight and/or simulator schedule is accomplished within the first window of the yellowsheet function, as discussed above. Modification of the lecture or CAI schedule is to be done by schedules writers, instructors, or some administrative users only. Should you need one of these schedules modified, notify the lecture instructor or CAI lab monitor. To verify that you have been credited with completion of the "X," you may access the WAIVE EVENTS application
- B. The WAIVE EVENTS application is a list of all syllabus events by student or IUT. If an event is completed, a "C" will appear in the status column. If any event is waived for a particular syllabus, a "W" will appear in the status column. Only the Commodore has authority to grant waivers for student events in accordance with the latest version of CNATRAINST 1500.4
- C. Accessing WAIVE EVENTS
 1. Select SCHEDULES on the SUBSYSTEM MENU. Select WAIVE EVENTS on the APPLICATION MENU. The VIEW option will appear on the ACTION MENU, then press <DO>
 2. The PERSONNEL SELECTION screen will appear. Enter the desired schedule name in the appropriate space and press <NEXT SCREEN>. The EVENT STATUS screen will appear
 3. To find a particular event, press the <FIND> key, type in the desired event, and press <DO>

4. If a particular event is highlighted and <CTRL-V> pressed, the EVENT DATA window will appear. This feature will retrieve the date the event was completed or waived (and who entered the waiver if the event was waived)

Sg 3, fr 5: Waive Events - Event Status

WAIVE EVENTS					
PF1 OPTIONS		PF2 VIEW		VIEW	
SEN : 000-00-0000		PERSONNEL SELECTION		Course: ADVT45C	
Schedule Name : TJONES				Version: 01	
Name : JONES, THOMAS A				Subgroup: A	
EVENT STATUS					
Event ID	Status	Event ID	Status	Event ID	Status
BI-09		EP-09S		ACM-11X	
RFP-01		CQ-02X		CG-17	
BI-10S		CQ-03		ACM-12	
RFP-02		CQ-04		CG-18	
BI-11X		CQ-05		ACM-13	
RFP-03		CQ-06		CG-19	
FAM-03	C	CQ-07		CG-20	
RFP-04X		CQ-08X		CGFP-06X	
FAM-04S		AM-123X		CG-21X	
R-01S		GUNFP-01		CG-22X	
UP					
Enter value and then press [Do] to find					
WAIVE EVENTS - EVENT STATUS					

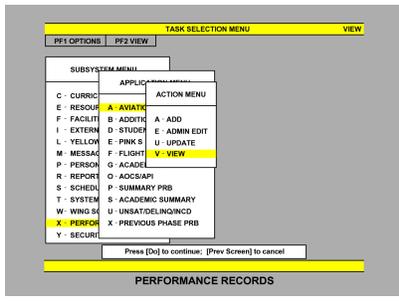
Sg 3, fr 6: Waive Events - Event Data

WAIVE EVENTS					
PF1 OPTIONS		PF2 VIEW		VIEW	
SEN : 000-00-0000		PERSONNEL SELECTION		Course: ADVT45C	
Schedule Name : TJONES				Version: 01	
Name : JONES, THOMAS A				Subgroup: A	
EVENT STATUS					
Event ID	Status	Event ID	Status	Event ID	Status
BI-09		EP-09S		ACM-11X	
RFP-01		CQ-02X		CG-17	
BI-10S		CQ-03		ACM-12	
RFP-02		CQ-04		CG-18	
EVENT DATA					
Event ID : FAM-03					
Event Status : C					
Event Date : 12-mar-1998					
Enter choice from VIEW menu or press [Prev Screen]					
WAIVE EVENTS - EVENT DATA					

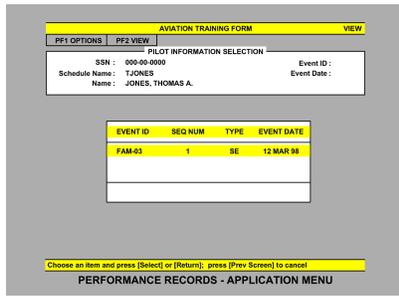
Sg 4, fr 1: Lesson Organization
INTRODUCTION TO THE TRAINING INTEGRATION SYSTEM

- * Curriculum Function
- * Yellowsheets
- * Waive Events
- * **Performance Records**

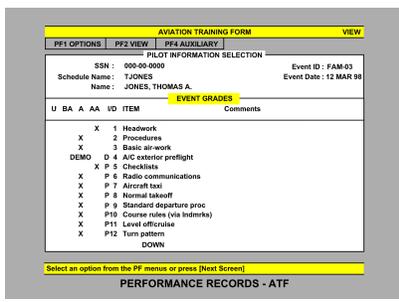
Sg 4, fr 2: Performance Records



Sg 4, fr 3: Performance Records - Application Menu



Sg 4, fr 4: Performance Records - ATF



IV. Performance Records 1.1.8.4.25

A. Student performance is tracked within TIS to assure accuracy and to provide training management information. IUTs and students will have access to their own performance data only, while instructors and certain administrative users have permissions to enter and edit performance records

B. IUTs and students

1. Students and IUTs may only VIEW their own performance records
2. To view any of the performance record applications, select X-PERFORMANCE RECORDS from the SUBSYSTEM MENU

a. From the APPLICATION MENU, highlight the desired application and press <SELECT> or <RETURN> to access the PERSONNEL SELECTION window. In this window, the IUT (or student) name will appear defaulted and cannot be changed

b. For AFTs, press <TAB> to move the cursor to the event field and press <F9> to access the list of all completed ATF. Highlight (with the arrow keys) the desired ATF and press <SELECT> (or return) and the event information is placed in the proper fields

- (1) Press <NEXT SCREEN> and the first page of the ATF will appear. If the ATF has more graded items than displayed on the screen, scroll down with the arrow keys or press <F13> to access the next page of graded items. Coded

comments, if made, will appear on the right side of the screen and will be identified by the item number

- (2). To view the summary page of the ATF, press **<NEXT SCREEN>**. This summary page shows the total grades received within the stage up to the current date, associated flight (or simulator) time for the event, and other summary data
- (3) To access the General comments, press **<PF4>** and select **TEXT COMMENTS** with the arrow keys or press **<CTRL-T>**. To exit from the text comments, press **<PREVIOUS SCREEN>** or **<F20>**
- (4) While anywhere on the ATF or personnel selection screen for the ATF, you may print a **FULL JACKET REVIEW** listing all ATF's you have completed. To do this, press **<CTRL-P>** found under the PF1 option. To exit from ATF's, press **<F20>**

Sg 4, fr 5: Performance Records - Event Summary

AVIATION TRAINING FORM											
PF1 OPTIONS			PF2 VIEW			PF4 AUXILIARY			VIEW		
PILOT INFORMATION SELECTION											
SSN : 000-00-0000						Event ID : FAM-03					
Schedule Name : TJONES						Event Date : 12 MAR 98					
Name : JONES, THOMAS A.											
EVENT SUMMARY											
Instructor : LT FOLEY, RICHARD A.						Instructor SSN : 471-69-2860					
GRADE SUMMARY											
Total Marks This Flight :			U	BA	A	AA	Stage GPA : 3.007				
Total Carried Forward :			0	0	24	2					
Cumulative Stage Total :			0	0	0	0	Landings Approaches			Ship Fid Type No	
			0	0	24	2				g g	
FLIGHT TIME LOG											
Flight		FP	CP	SC	NT	Act	Sim	Instrument Hrs			
Duration		0:0	0:0	0:0	0:0	0:0	0:0	g g			
Phase Total :		0:0	0:0	0:0	0:0	0:0	0:0				
EVENT DATA											
Class Number : 9821						Stage : FAM			Up/Down : U		
Aircraft/Simulator : T-45C						Event No. : 03			Safe for Solo : C		
						Type of Flight : SE			Event Completed : C		
Press [Prev Screen] or [Exit]											
PERFORMANCE RECORDS - EVENT SUMMARY											

Sg 4, fr 6: Performance Records - Event Comments

AVIATION TRAINING FORM											
PF1 OPTIONS			PF2 VIEW			PF4 AUXILIARY			VIEW		
PILOT INFORMATION SELECTION											
SSN : 000-00-0000						Event ID : FAM-03					
Schedule Name : TJONES						Event Date : 12 MAR 98					
Name : JONES, THOMAS A.											
EVENT SUMMARY											
ATF EVENT COMMENTS											
COMMENTS											
Total Marks This Flight :						3.007					
Total Carried Forward :									Landings Approaches		
Cumulative Stage Total :									Ship Fid Type No		
									g g		
Class Number : 9821						Stage : FAM			Up/Down : U		
Aircraft/Simulator : T-45C						Event No. : 03			Safe for Solo : C		
						Type of Flight : SE			Event Completed : C		
Select an option from the PF menus or press [Prev Screen]											
PERFORMANCE RECORDS - EVENT COMMENTS											

- c. For all other options within the PERFORMANCE RECORDS applications, highlight the desired item on the APPLICATIONS MENU, and press **<SELECT>**, **<DO>**, and then **<NEXT SCREEN>**. To access the FLIGHT/SIMULATOR SUMMARY data, press **<PF4>** to select either FLIGHT or SIMULATOR, then highlight and press **<SELECT>**. To print the summary, select the PRINT option under the PF1 key
- d. To exit from the FLIGHT/SIMULATOR SUMMARY windows, press **<F20>** to return to the SUBSYSTEM MENU and press **<F20>** once more to exit TIS

SUMMARY

In this lesson, we covered:

- * Curriculum functions
- * Filling out yellowsheets
- * Schedules executions/waive events
- * Performance records

CONCLUSION

You have learned how to use the TIS system to view a variety of information. It is important for you to keep track of where you are in the curriculum--being aware of your future as well as your past will keep you on top of your aviation training.

Sg 5, fr 1: Review Menu**INTRODUCTION TO THE
TRAINING INTEGRATION SYSTEM
REVIEW MENU**

1. Entire lesson
2. Curriculum function
3. Yellowsheets
4. Waive events
5. Performance records
6. End this lesson

Please select

NOTES