

National Test Pilot School

Operational Test and Evaluation Course



Joining Instructions

March 2007

CONTENTS

INTRODUCTION	
Course Description	3
Course Dates	3
Training Standards	3
STUDENT PREPARATION	
Language	4
MISCELLANEOUS ITEMS	
Dress Requirements	4
Computers	4
Other	4
PERSONAL ITEMS	
Passports	4
Housing	5
ARRIVAL AND CLASS START	
Arrival	5
Class Start	5
Maps	6

- **INTRODUCTION**

These notes are intended to answer many of your questions as you prepare to attend the Operational Test and Evaluation Course at the National Test Pilot School in Mojave, California. If you have any questions not answered by these notes, please direct them to the school administration:

Director of Admissions
National Test Pilot School
P.O. Box 658
Mojave, CA 93502

Tel: (661) 824-2977
FAX: (661) 824-2943
e-mail: ntps@ntps.edu

Course Description

The three week OT&E Course is designed to provide an understanding of how OT&E fits into the acquisition process, the interrelationships of DT&E and OT&E, and of those concepts and issues peculiar to OT&E testing. The NTPS philosophy behind the OT&E course is to provide a fundamental knowledge and practical understanding of:

- How test and evaluation fits into the system acquisition process
- DT&E and OT&E test processes
- Overview of DT&E flight test theory and flight test techniques
Performance, handling qualities, and systems testing
- OT&E test planning and preparation, test analysis, and reporting
- Conduct, procedures and techniques of OT&E testing
- Generic flight test concepts and practices

The course consists of classroom lectures to teach basic flight test principles, practices and concepts; demonstration and project flights to reinforce classroom instruction and provide “hands-on” experience in flight testing; and a student project to further reinforce classroom instruction and to logically carry flight test from planning to final report. During the OT&E project, students plan, flight test and report on how well an aircraft can meet operational requirements.

Course Dates

Your class will commence and end on the dates shown on the web. Note this course begins on a Tuesday and ends on a Friday.

Training Standards

The academic and flight instruction standards of the *National Test Pilot School (NTPS)* are excellent in that our instructors have an average of twenty-two years experience in flight testing of military and civilian aircraft and is well versed in instruction in the classroom and in the aircraft. *NTPS* insists that the academic instructors are experienced flight testers so that the flight test experience is brought into the

classroom and all the academic subjects are taught towards the goal of practical applications in the flight testing and certification of aircraft and aircraft systems. The staff are mostly graduates of the various military test pilot schools, bringing to *NTPS* the experience of each of these schools in flight test training.

- **STUDENT PREPARATION**

Language

English is used exclusively at the National Test Pilot School. The student must be proficient in speaking, understanding, reading, and writing in the English language. There is no time allocated during the course for enhancing a student's ability to use English. If English is a second language for the student, every effort should be made prior to arrival at the school to ensure that language will not be an obstacle for the student.

- **MISCELLANEOUS ITEMS**

Dress Requirements

Classes may be attended in flight suits, informal service uniforms or informal civilian clothing. Students are encouraged to bring flight suits; however, this is not a requirement. Students are also encouraged to bring a set of cloths that can get dirty during a component remove and replace maintenance exercise.

Computers

There are a few PC's available in the school for student's use. However, it is strongly recommended that students bring their own personal computer/laptop for use in their quarters and at the school.

Other

Although not required, it may be beneficial to bring a digital camera and kneeboard. Although the school has some of these items for the student's use, class size sometimes creates conflict in availability.

- **PERSONAL MATTERS**

Passports and Visas

For non-U.S. students a visitor visa is sufficient for the three-week course

Housing

The student is responsible for arranging his/her own housing. A list of hotels is available on the web site.

- **ARRIVAL AND CLASS START**

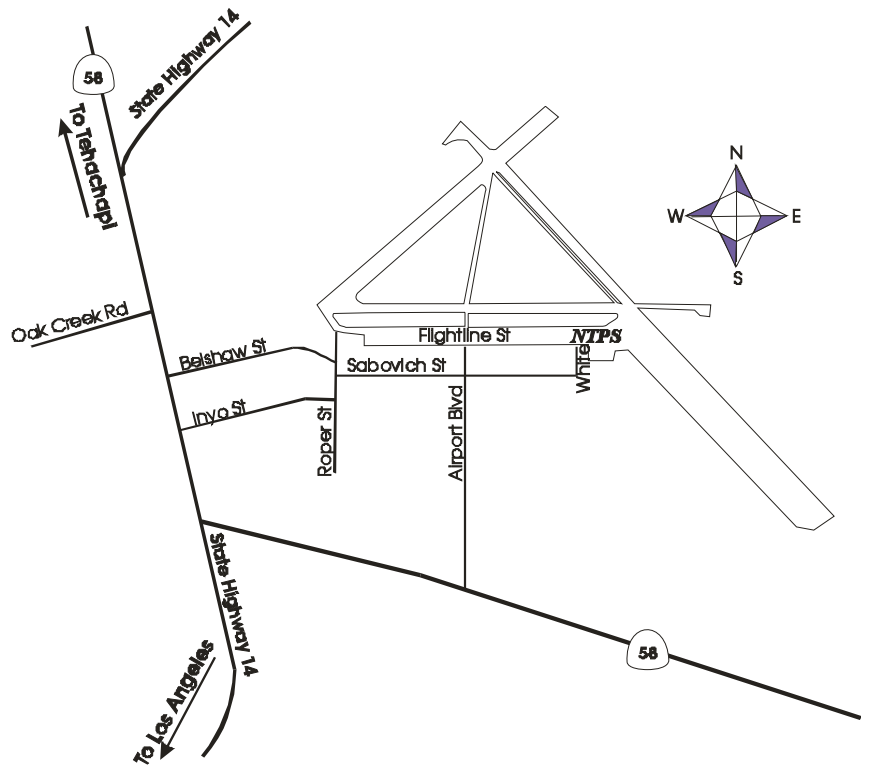
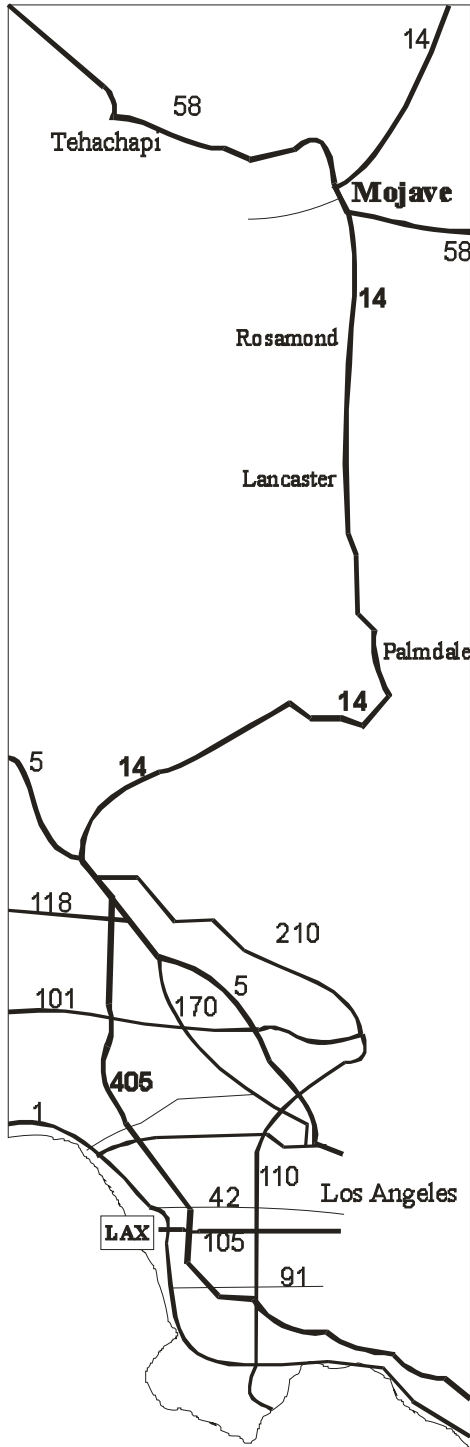
Arrival

Driving directions from Los Angeles International are as follows: From the airport, take Interstate 405 north. I-405 will end and merge with I-5. Continue north, taking the exit for Highway 14 North to Mojave. Total distance is approximately 100 miles. Driving time is about two hours except in heavy traffic periods. Once in Mojave, turn right on Highway 58; go about one mile and turn left onto the airport. At the first stop sign turn right, and go to the end; turn left and the school is the large brown hangar at the end (Bld #72).

A map showing the location of the school and directions from LAX is shown on the following page.

Class Start

Classes commence at 0800 hours and end at approximately 1600 hours each day. NOTE: The first day of class for this course is on a Tuesday.



Driving directions from LAX are as follows:

From the airport, take Interstate 405 north. I-405 will end and merge with I-5. Continue north, taking the exit for Highway 14 north to Lancaster. To get to Mojave, continue north until the freeway ends. Total distance is approximately 100 miles. Driving time is about two hours except in heavy traffic periods. Once in Mojave, turn right on Highway 58; go about one mile and turn left onto the airport. At the first stop sign turn right, and go to the end; turn left and the school is the large brown building #72 at the end.