



NATIONAL TEST PILOT SCHOOL

Mojave Intro To Flight Test Short Course

WEEK 1:

12/26/2007 8:49 AM

	8	9	10	11		1	2	3	4	
M	Introduction	Dimensional Analysis	Subsonic Aerodynamics Lift/Drag			Pitot Statics Theory			PEC Flight Brief	Light Aircraft Perform Brief
T	PEC Data Flights	Data Analysis Performance Demo Flights x6		L U N C H	F L I G H T D E B R F	Drag Polars	Cruise Performance	Cruise Flight Brief		
W	Cruise Data Flights	Data Analysis Performance Demo Flights x6				Flight Controls	Climb Theory	Climb Flight Brief		
TH	Climb Data Flights	Data Analysis Performance Demo Flights x6				Flight Controls	Long Stat Theory	LS Flight Brief	Light Aircraft FQ Brief	
F	Long Stat Data Flights	Data Analysis FQ Demo Flights x6				Transonic Aero	Maneuvering Stability Theory			
WEEK 2:										
M	Man Stab Flight Brief	Man Stab Data Flights	Data Analysis FQ Demo Flights x6		L U N C H	F L T D E B R F	Longitudinal Non-Linearities	Lat/Dir Stability Theory	Lat/Dir Flight Brief	
T	Lat-Dir Data Flights	Data Analysis FQ Demo Flights x6		Lat/Dir Non-Linear			E.O.M. Dynamics	Stall Theory	Stall/Dyn Flight Brief	
W	Stall / Dyn Data Flights	Light A/C BU		Mach Effects			Project Assignment	Project Preparation Time		
TH	Jet Cruise Performance	Takeoff Speed Development		Closed Loop Handling Qualities			Asymmetric & Light Twins			
F	Aero elasticity	Energy Management	Project Prep Time		Student Presentations			Critique		