

# Incredible Space Flight Training Don't Leave Earth Without It



## THREE INCREDIBLE PHASES OF TRAINING

### PHASE ONE: "SUBSONIC"

Featuring two incredible flights in the L-39.  
Available Now

### PHASE TWO: "SUPERSONIC"

Featuring the legendary MiG-21.  
Now Scheduling for Spring 2007

### PHASE THREE: "ROCKET POWER"

Featuring a brand new rocket powered jet.  
Coming Soon. Call for details.



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Sarasota, FL 34242

[www.incredible-adventures.com](http://www.incredible-adventures.com)



# Incredible Space Flight Training

Don't Leave Earth Without It



800-644-7382

Life is either an incredible adventure or nothing at all.



## PHASE ONE "SUBSONIC"



### DAY ONE - AM: Classroom: Atmospheric theory

- Relation to the Physical Body
- Physiological effect, conditions and corrections, oxygen deprivation, nitrogen absorbed, and remedies.
- Relation to Aircraft Flight
- Atmospheric tables, atmosphere pressure, Mach number, aircraft handling, aircraft flight profiles.
- Introduction to High Performance Aircraft
  - L-39 orientation flight
  - Flight maneuvers relationship to space flight
  - Sustained 4 G maneuvers to simulate orbiter launch
  - GLOC Training to build G tolerance

### DAY ONE - PM: Flight Training

- L-39 Flight Briefing
- Aircraft Exterior / Aircraft Interior
- Aircraft Safety / Emergency Systems
- L-39 Flight 1 (Flight Time, approx 45 minutes)
  - Orientation
  - Maneuvering Flight, Sustained G Flight, Weightlessness, Negative Flight

## PHASE ONE "SUBSONIC"



### DAY TWO - AM: Classroom: Intro to Pressure Suits

- L-39 suit orientation and relationship to space flight.
- Fit to the Physical Body
- Physiological effect, checklist items for operation, conditions and corrections, oxygen operation, and conditions of use
- Aircraft Suit Fit and Function
- Operational fit and use in aircraft flight profiles

### DAY TWO - PM: Flight Training

- L-39 Flight Briefing
- Aircraft Differences with Pressure Suit
- Aircraft Cockpit Hookup and Operation
- Aircraft Safety / Emergency Systems
- L-39 Flight (flight time approx 45 min)
- Orientation to Pressure Suit Flight
- Pressure Suit Operation in Sustained G Flight, Weightlessness, Negative Flight

### DAY THREE: Extra-Curricular Activities (&Weather Day)

Possible options include:

- Edwards NASA / Shuttle
- Edwards Test Pilot School
- F-104 Rocket Plane
- Edwards Pressure Chamber
- Depressurization Demonstration
- JPL
- Remote Piloted Spacecraft
- Mojave Space Port



TRAINING PRICE: \$10,000 PER PERSON



## PHASE TWO "SUPERSONIC"

### DAY ONE - AM: Classroom—Intro to MACH

- Introduction to Very High Performance Aircraft
- MiG-21 Orientation
- Supersonic Flight Description
- Flight maneuvers relationship to space flight
- Sustained 4 G maneuvers to simulate orbiter launch
- GLOC Training, Zero G and advanced Physical Clues

### DAY ONE - PM: Flight Training

- MiG-21 Flight Briefing
  - Aircraft Exterior
  - Aircraft Cockpit
  - Aircraft Safety / Emergency Systems
- MiG-21 Flight (Flight Time approx 30 min)
  - Orientation to High Speed Maneuvering Flight
  - Orientation to Buffet Loaded Sustained G Flight
  - Orientation to Large Atmospheric Pressure
  - Orientation to Large Altitude Changes
  - Orientation to Zoom Climb
  - Pressure Changes, Density Changes



Alan completed training flights in the L-39 to help prepare for the suborbital flight he already has purchased.

## DO YOU HAVE THE RIGHT STUFF? Test Yourself with Space Flight Training

**How:** We use ex-military jets to simulate space flight conditions. The L-39 and MiG-21 share many characteristics of jets used by NASA to prepare astronauts for space travel. Flight profiles have been designed to demonstrate the type of sustained g-forces and weightlessness you'll experience during a suborbital flight.

**Why:** The more prepared you are for the physical and mental demands of spaceflight, the more you'll enjoy your suborbital flight. We think you'll love your training flights in the L-39 and MiG-21, but there's a slight chance you'll discover you can't tolerate high Gs or don't like being weightless. If that's the case, it's better to find out now, before you pay \$200,000 for a suborbital flight. Besides...this training is a lot of fun.

**What if?:** You don't have to be planning to leave earth soon to enroll in space flight training. If you want to know what it's like to train like an astronaut, you can. The program is open to anyone who meets basic eligibility requirements.

**Where:** The ground portion of our training takes place at Bob Hope Airport in Burbank, California, near Los Angeles. Flights take place in air space designated for subsonic and supersonic training flights.

**When:** Training is typically offered on weekends and is available year round. Advance scheduling is necessary.

**Know:** You must pass an FAA medical prior to participating in this program. Phase Two of the training ("Supersonic") cannot be completed unless you have successfully completed Phase One ("Subsonic").





# THE INCREDIBLE SPACE FLIGHT TRAINING TEAM

We've assembled a highly-qualified team of flight instructors and pilots to prepare you for the physical and emotional challenges of space flight. You'll be in good hands with men like Skip Holm.

Lt. Colonel Skip Holm began his distinguished aviation career in the US Air Force, graduating with distinction from all Air Force Flight Schools and going on to serve as an instructor at the Air Force Test Pilot School. Among his military service awards are three Distinguished Flying Crosses and twenty-five Air Combat Medals. He has more combat flight hours than any other pilot in the world. He was enrolled in the shuttle program but gave up his dream of becoming an astronaut when the shuttle program stalled. Skip has over 500 hours of pressure suit flight time and was an NF104 pilot.



Skip has more than 14,000 flight hours in over 60 types of military aircraft. From 1978 to 1994, Skip was an experimental test pilot with Lockheed's famous "Skunk Works" program, helping engineer and flight test the F-22, F-117, U-2R, TR-1 and many other still-classified aircraft.

When not training civilians for space flight, Skip works as an aerospace engineer, test pilot and Hollywood stunt pilot while actively competing as a race pilot and performing in air shows around the country.



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# PHASE TWO "SUPERSONIC"



## DAY TWO AM: Classroom -Intro to High Altitude

- Aircraft / Spacecraft Considerations for Space Flight
- Advanced Training and Preparation for Space Flight
- MIG-21 Applicable Space Conditions or Maneuvers
- Pressure Suit Adaptation
- Physical Adaptation to Sustained G, Altitude Changes, Zoom Climb

## DAY TWO- PM: Flight Training

- MIG-21 Flight Briefing
- Aircraft Cockpit Pressure Suit Fit, Function and Procedures
- Aircraft Pressure Suit Safety / Emergency System
- MIG-21 Flight (Flight time approx 30 min)
  - Advanced Supersonic Maneuvering Flight
  - Advanced Pressure Suit Training
  - Advanced GLOC and Weightlessness Training
  - Further Sustained G Flight, Weightlessness



TRAINING PRICE: \$25,000 PER PERSON