



STARFIGHTERS



Train for Suborbital Flight - Fly the F-104 Starfighter

Civilian suborbital flight training in the Mach 2 F-104 Starfighter **is available now**. Incredible Adventures is teaming up with Starfighters Aerospace to offer suborbital flight training in the legendary Lockheed F-104 Starfighter, the same jet used to prepare an entire generation of astronauts for space. Mercury, Gemini and Apollo astronauts trained for space in the "Missile With A Man In It". Now, you can train in the Starfighter too!

Soon, the first generation of civilian space planes will begin launching passengers on suborbital journeys, taking adventurers far beyond the edge of space. A suborbital flight will be nothing like a flight to Florida. Our Starfighters Aerospace Suborbital Flight Training will help prepare you for the intense physical and emotional challenges you're destined to encounter when you board a suborbital plane and embark on the ultimate high-altitude flight. The better you're prepared, the more you'll enjoy the spectacular ride.

We'll introduce you to the stomach-crunching g-forces of a high-speed vertical climb and the incredible sensations of freefall and weightlessness sure to be part of future civilian space flights. We'll top that off with a rapid descent and shuttle-style landing on one of the world's longest runways. When the time finally comes for you to take your seat in a suborbital space plane, you'll know just what to expect and feel less natural anxiety. This will allow you to sit back, relax, enjoy the view and get the most from your once-in-a-lifetime experience.

Our incredible suborbital flight training adventure takes place at NASA's John F Kennedy Space Center, near Orlando, Florida. You'll go behind the guarded gates of one of America's most prestigious government facilities, entering areas only accessible by those with badges indicating they've received the mandatory security clearance. Once you've completed the pre-flight portion of your training, you'll travel the short distance to Kennedy's Shuttle Landing Facility, strap into the rear cockpit of a legendary Starfighter and take off from the very same runway used by today's astronauts. Thanks to a historic Space Act Agreement Starfighters signed with NASA in 2009, you can be part of this very special program and help write commercial space flight history.

CONTACT INCREDIBLE ADVENTURES TODAY TO RESERVE YOUR SPACE.

800-644-7382 or 941-346-2603

www.incredible-adventures.com



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Aircraft

You'll strap into the rear cockpit of a Lockheed F-104 Starfighter, the highest performance, single-engine jet fighter ever made. The F-104 is powered by a single General Electric J79-GE-11A engine capable of generating in excess of 17,000 lbs of thrust and exceeding Mach 2. In non-pilot terms, that's roughly equivalent to 36,000 horsepower, or more than the entire starting line-up at the Daytona 500.



The raw power of the Starfighter makes it the perfect flying platform to simulate the launch of a suborbital space plane. (Rocket scientists refer to the space planes as RLV's or Reusable Launch Vehicles).

The F-104's **INCREDIBLE** Thrust-To-Weight ratio enables it to sustain the sort of G-Forces that send your blood rushing to your feet and make you feel as though a giant gorilla is sitting on your chest. A typical training flight will expose you to a force of 5Gs or greater, a pull toward earth equal to five or more times your bodyweight. The Starfighter's aerobatic ability is showcased when the jet performs a series of parabolic arcs designed to simulate the zero-g of space.



Breaking the sound barrier is no problem for the supersonic Starfighter. If you feel the need for speed, there's no need to wait for a suborbital flight. The Starfighter can out-perform many current front line fighters, including the F-16 and F/A-18.

Location



The John F. Kennedy Space Center (KSC) is located approximately 40 miles east of sunny Orlando, Florida. This historic site will be the backdrop during your training at Starfighters. Your security clearance will grant you access to a number of areas on the space center you can't even pay to get into!

During your two-plus days on Florida's Space Coast, you'll have the opportunity to visit some of KSC's most historic landmarks, including the famous Vehicle Assembly Building, Launch Complex 39 and Shuttle Landing Facility (SLF). You'll take off and land on the same runway used by generations of astronauts.

Participants traveling from outside the area may find this information useful. For suggested area hotels, contact Incredible Adventures.

Orlando to KSC:	65 miles
Disney World to KSC:	70 miles
Jacksonville to KSC:	165 miles
Tampa to KSC:	130 miles
Miami to KSC:	215 miles



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STARFIGHTERS

Sample Training Itinerary

DAY 1 - MONDAY

MORNING

- Arrival at NASA's Kennedy Space Center
- Check in and Receive Security Clearance Badge
- Pre-Flight Medical Screening
- Aircrew Flight Equipment Fitting & Operation
- Egress / Ejection Seat Training
- Parachute (PARASIM™) Hanging Harness Training
- Life Raft / Water Survival Training

AFTERNOON

- Lunch in NASA Dining Hall
- High Altitude Flight Academics
- Hypobaric Pressure Chamber Flight
- Flight Physiology Academics
- Flight Physiology Practical Demonstrations

EVENING

- Free Time to Explore Space Coast

DAY 2 - TUESDAY

MORNING

- Arrival at NASA's Kennedy Space Center
- F-104 Cockpit Familiarization
- Pre-Flight Briefing
- Starfighter Flight
- Post-Flight De-Briefing
- Graduation Ceremony

AFTERNOON

- Celebration Lunch with Starfighters Crew
- View More of Kennedy Space Center
- Program Concludes



Scheduling Notes

Training takes place at a **United States Federal Government Facility**. Security clearance must be obtained in advance of training. For US citizens, this process is relatively short, but non-US citizens should allow at least 45 days to complete the process.

****Note: Starfighters Aerospace Suborbital Flight Training does not take the place of any pre-flight training required by specific suborbital space plane operators.**

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General Information

WHEN CAN I FLY?

Starfighters Suborbital Flight Training is available year round. Sessions typically begin on Mondays. Please contact Incredible Adventures to confirm specific date availability.

Note: Training is conducted at a secured government facility and all participants must successfully pass a criminal background check and receive security clearance from NASA. A minimum of 45 days should be allowed for this process. The time may be less for US resident citizens.

WHO ARE THE PILOTS?

Starfighters aircrew are all veteran Instructor Pilots of the United States Navy and Air Force who have logged thousands of hours of flight time in the F-104 Starfighter, F-4 Phantom, F-14 Tomcat and F-16 Viper.

IS THIS SAFE?

Definitely not! Flying high performance military aircraft is inherently risky and you could die. That said, the training flights conducted are all well within the flight capability of the F-104 and its pilots. Starfighters Aerospace is subject to annual safety inspections by the Federal Aviation Administration and NASA to insure aircraft and personnel operate to safest possible standards. You will be provided with all essential safety equipment for use during your flight.

CAN I BRING SOMEONE WITH ME?

Certainly, as long as that person is at least 18 years of age. However, the person must obtain security clearance and there is an additional cost to cover your guest's transportation, tours, meals and such. Friends and family, both young and old, are welcome to tour the public areas of the Kennedy Space Center without clearance. **(Admission fees apply.)**

CAN I TAKE MY CAMERA?

Yes! We encourage participants and their guests to bring cameras, however some areas may be designated "off-limits" in terms of photo-taking. The Starfighters are equipped with high definition video systems to capture your flight.

DO I HAVE TO BE A PILOT?

No. We'll provide you with the safety training necessary for a flight in the fastest single-engine fighter built.

DO I HAVE TO BE SCHEDULED FOR A SUBORBITAL FLIGHT TO PARTICIPATE?

No. Starfighters Aerospace is not currently associated with any Suborbital Flight companies. Your training will not take you to suborbital heights, but you will leave better prepared for the physical and emotional demands of a suborbital adventure.

WHAT ARE THE AGE AND HEALTH RESTRICTIONS?

One must be at least 18 years old and meet specific medical criteria. There will be a pre-training medical check before you are cleared for take off. (You have to prove that you have "The Right Stuff").



Pricing

Pricing starts at \$30,000 US for a single flight training program. Add a second training flight for \$23,000 more.

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