



SAS underwater  
Flight Schools™

INCREDIBLE  
ADVENTURES

This adventure is now available in a new format.

If you are interested in flying a personal sub, please call for details.

800-644-7382

# HAWAII 2010



In February, 2010, a select group of underwater adventurers will join Sub Aviators and enroll in SAS underwater Flight School taking place on the beautiful island of Maui, Hawaii.

**Super Aviator** is typically utilized for special scientific research assignments and serves as a unique camera/filming platform. SAS is making the experience of underwater flight available to would-be pilots through flight training in One, Two and Three-Day Flight Schools.

## ***Learning to Fly***

SAS is the owner/operator of the SAS ***Super Aviator***, an experimental submersible designed to exploit flight characteristics which give the craft the ability to fly under the water at greater speed and for greater distances than are possible in conventional small submersibles. The experience of underwater flight is unique and exhilarating, allowing pilot adventurers an unparalleled view of the underwater environment. ***Super Aviator*** makes an excellent training craft as both cockpit hulls are fitted out with nearly identical flight controls with full duplex communication between cockpits. Communication with SAS's topside, support craft is possible with VHF radio at the surface and with UQC at depth. The support boat also uses a tracking system to monitor the location of the submersible underwater and plot its course via GPS.

As a two person sub capable of being flown from either cockpit, ***Super Aviator*** is emphatically *NOT A PASSENGER CARRYING CRAFT*. Those who wish to enjoy the opportunity of flying beneath the waves can only do so by completing a training course which includes instruction on the correct use of flight controls, as well as life support equipment utilized to maintain a safe operating environment within the pressurized cockpits. The submersible is equipped with many redundant safety features and specialized emergency equipment and the proper procedures for utilizing them are an important part of training for all pilots who choose to participate. Would-be pilots should understand that flying underwater in an experimental submersible like ***Super Aviator*** falls within the category of INHERENTLY DANGEROUS ACTIVITIES subject to both known and unknown risks. As such, all participants do so exclusively at their own risk and will be required to signify their understanding and agreement that they are assuming all risks by signing unconditional releases prior to any participation with SAS.

SAS underwater Flight Schools are designed to emphasis:

- Safe and comprehensive hands-on submersible piloting instruction
- Maximum dive time (two students maximum, instructed per day)
- Ocean exploration through underwater flight
- Personalized instruction (students advance at their own pace)

One, Two and Three-Day Flight School programs are available. On the first day of each program, instruction includes:

- Life Support Systems
- Emergency Systems
- Flight Controls
- Protocols for submersible diving operations

Students selecting the Two and Three-Day programs will also receive:

- ***Advanced Maneuvers*** Flight Training
- Extended dive times
- Specialized missions (i.e. wreck inspection, reef surveys...)
- Opportunities to hone piloting and flight control skills

## Enrollment Requirements

Scuba diving or aircraft piloting experience is ***not required***.

In order to safely and comfortably fly in ***Super Aviator s*** cockpits, students should meet these requirements:

Requirement	Minimum	Maximum
Height	4' 10"	6' 6"
Weight	100 lbs	240 lbs
Age	18	none

### Other Considerations:

SAS is supportive of including Pilots with disabilities within its Flight Schools . Participants are encouraged to contact SAS directly to discuss how or whether a disability could affect their safety or ability to operate flight controls prior to participation. Medical conditions may exclude students from some or all of the Flight School activities. Generally, students should be in relatively good shape physically and mentally. The nature of submersible operations is such that all persons participating (students, pilots, divers, crew) act as a team. The safety of the team as a whole is dependent on each team member.

## SAS underwater Flight School Three-Day

**Course Fee: \$8,650**

The course includes instruction by SAS flight operations' personnel including flight controls, communications equipment, life support equipment, emergency equipment and the proper procedures for employing this equipment in various situations and environments. As student piloting skills build with each dive, more and more control of the submersible is passed from Pilot to Co-Pilot. The Three-Day course is the most rewarding for students. The third day of Flight School includes longer dive times and more opportunities for students to demonstrate their flight skills and proficiency as pilots by taking complete control of the submersible.

## SAS underwater Flight School Two-Day

**Course Fee: \$6,150**

The course includes instruction by SAS flight operations' personnel including flight controls, communications equipment, life support equipment, emergency equipment and the proper procedures for employing this equipment in various situations and environments. The course is designed for student co-pilot trainees to gain "stick-time" in the sub during underwater flights each day with an experienced "Pilot-in-Command". The second day of the course is designed to provide an opportunity for the participants to stretch Super Aviator's wings and explore advanced underwater flight maneuvers, while taking an active role in co-piloting the craft.

## SAS underwater Flight School One-Day

**Course Fee: \$3,350**

The One-Day flight experience provides pre-flight instruction on safety systems and flight controls and prepares students for their first underwater experience in a winged-submersible. This course places less emphasis on co-pilot skill-building than do the Two and Three-Day programs, allowing the students to ‘wet their wings’ and consider adding a second or third day of training, while discovering what underwater flight is all about.

<b>Course</b>	<b>One-Day</b>	<b>Two-Day</b>	<b>Three-Day</b>
Approx. Number of Dives	1 ~ 2	3 ~ 4	5 ~ 6
Approx. Total Dive Time	1 ~ 2 hours	3 ~ 5 hours	5 ~ 6+ hours
Pilot's Manual	✓	✓	✓
Flight Training		✓	✓
Course Certificate		✓	✓
Media Package		✓	✓

### **Media Package (*Two-Day and Three-Day Flight Packages only*):**

- 8X10 photo of client with submersible and Flight Crew
- SAS Flight Crew T-shirt
- SAS Flight Crew cap
- Expedition DVD (SAS Hawaii Operations)
- Picture album on CD of student's Flight School experience

### **Airfare, Transfers & Hotel Accommodations**

Additional and to be arranged by client.

### **Booking Instructions (800)644-7382**

A 50% deposit required to secure your flight time during training schedule.

**Payment in full is due to Incredible Adventures 30 days prior to the commencement date of the purchased course.**

## REFUNDS

Cancellation by the client:

All payments are **non-refundable**. 50% due at time of reservation, balance due 30 days before scheduled date of Flight School. Requests to reschedule must be made in writing and are subject to approval and a rescheduling fee of up to 25% of the package price. ***We highly recommend the purchase of trip insurance.***

Cancellation by SAS:

Should SAS become unable to deliver a purchased course and therefore cancels the course prior to the commencement date, client will have a choice of full refund or full credit towards another Flight School package at a rescheduled date.

Cancellation AFTER commencement of purchased course:

Should the client wish or need to cancel their purchased product after the commencement date it will be up to the sole discretion of SAS as to the amount of refund, if any, to be made.

## REGARDING WEATHER

SAS cannot be responsible for weather conditions, acts of God or other environmental conditions which could make the deployment of the submersible unsafe or unwise in SAS's sole judgment. SAS has no responsibility to make refunds based on inclement weather or conditions but may at its sole discretion choose to offer a make up day when possible following a three day course or arrange for a repeat course at a reduced rate. With these factors in mind SAS generally schedules its flight schools with a maintenance/dive make up day following each Three-Day course. SAS desires to exceed its clients' expectations by allowing the flexibility to provide as much actual flight time as possible.

To get the most out of their flight school experience SAS recommends the client make travel arrangements arriving the day prior to the flight school start date, and departing the day following the last day of Flight School.

## FAQ's:

### What should I wear inside the submersible?

For Hawaii diving operations, breathable technical clothing is preferred (shorts, pants, t-shirt). The water temperature will be in the 70's or 80's. "Cool and comfortable" will serve you well. NOTE: Shoes are not allowed in the submersible. Bring a pair of (new or clean) thin-soled dive booties or neoprene socks (available at your local scuba supply store or online).

### What if I am prone to sea-sickness?

The majority of your time in the submersible will be below the ocean surface, away from wave action which causes most sea-sickness. However, there are times when the submarine will be resting on the surface. If you are prone to sea-sickness or are unsure, we recommend

preparing yourself by taking any of the common over-the-counter preventative medications available. (Choose the non-drowsy ones, you don't want to miss anything!).

### **Can I take pictures/video in the submarine?**

You are welcome to bring any media devices you'd like providing they do not interfere with your ability to pilot the submersible, AND, you accept full responsibility for them. We encourage you to bring your camera and consider a small "dry pouch" to put the camera in if we change pilots at sea. (Spare batteries are not allowed inside the cockpits).

### **How deep will we be diving?**

Generally, Flight School students start shallow and work their way deep. Your first two or three dives may not exceed one hundred feet. As you gain skill and confidence, deeper diving begins. **Super Aviator** is rated to 1000 feet deep. Typically, maximum dive depths take many factors into consideration (i.e. location of operations, rescue equipment, weather/sea-state conditions, depth of targets...).

### **How many dives has Super Aviator made?**

**Super Aviator** was commissioned in 2002. To date, SAS has logged over 400 dives. **Super Aviator** has an impeccable safe-operating history and we plan to keep it that way.

### **What is a typical day like at SAS underwater Flight School?**

Our support crew and divers are up early every morning planning and preparing the equipment and activities for the day. After breakfast, Flight School students generally make way to the pre-flight staging area around 8AM. Aside from reading your Pilot's manual on your own, nearly all of your instruction is "hands-on". "Ground-school" is generally held at SAS's base camp while the sub is out of the water. When you're in the cockpit, the emphasis is on developing good flight skills during your dives. Each dive is conducted with a qualified SAS Pilot-in-Command. As your skill and proficiency as a pilot improve, more and more control of the submersible can be transferred from Pilot to Co-Pilot.

### **Where should I make housing accommodations?**

There are many places to stay near the operations base (Mala boat ramp) in Lahaina. We suggest looking into condos or vacation rental homes if you plan on staying more than a few days (excellent prices on everything right now due to slow economy!). If staying just a few days, there are a number of hotels nearby.

### **Where can I see video of Super Aviator?**

<http://www.youtube.com/watch?v=nbNVcDShtfE>

### **More Questions?**

**(800)644-7382**

**[WWW.INCREDIBLE-ADVENTURES.COM](http://WWW.INCREDIBLE-ADVENTURES.COM)**