

***We stabilize your creativity!***

***Any platform - No speed limits***





## Blue Sky aerial and specialist filming

### Peter Degerfeldt Aerial DP.

Since 1984 Peter Degerfeldt of Blue Sky has been filming action adventures, documentaries, commercials, features, IMAX 70 mm and 3D films.

From the fast jets of various Air forces, to Mount Everest and Antarctica, he has met every challenge with a film camera.

He has more than 4 000 skydives, many BASE jumps, hours of logged air time in jetfighters and helicopters, and a warehouse of specialized equipment.

His credits includes Oscar nominated feature-films, commercials, IMAX documentaries and world records at your service.

Started skydiving 1976. Still to this date, he deliberately leaves a perfectly good airplane.

### Vicky Degerfeldt Gimbal tech/Head of Logistics.

Vicky takes care of the technical things with our unique high velocity GSS gimbal system.

From preparing to installation, changing cameras, lenses etc.

She also serves as the logistical manager which comes in handy, her previous jobs was in the air cargo business and the Chamber of Commerce.

Her technical skills comes from the fact she been handling all her motorcycles in mint condition since she was 16.

More info: [www.bluesky.se](http://www.bluesky.se)

<https://vimeo.com/showcase/6776688>

## Film pilot Rob "Scratch" Mitchell

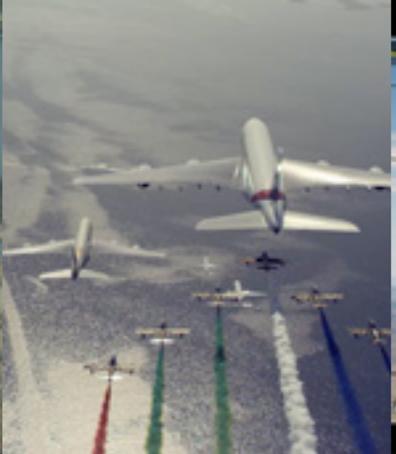
After an extraordinary career as a fighter pilot and Snowbird lead pilot as well as F18 solo display in the Royal Canadian Air Force, **Rob "Scratch" Mitchell** took the opportunity to use his organisational and leadership skills as a Squadron Commander and turn them towards film and TV production. Specifically, Scratch uses his extensive experience as the lead of a military jet team, and as a civilian formation team pilot to coordinate, direct and fly for aerial cinematography projects. With over 100 aerial missions of experience, Scratch has seen all aspects of aerial film work.

Given Scratch has been involved in production with a number of companies, he understands the unique requirements and considerations for film, TV and commercial

projects. He provides Air Force style safety management for several productions, most notably for aerial film work. Scratch has been a producer and director on the Discovery series AIRSHOW. He also directed aerial sequences for Netflix films and the Roland Emmerich's blockbuster Midway.

Being a military pilot, airline pilot, corporate jet pilot and an airshow pilot, Scratch has more than 7000 hours in jet aircraft, with over 4000 sorties in high performance military jets.

More info: [www.speedbirdproductions.com](http://www.speedbirdproductions.com)



Blue Sky owns and operate a unique six axis gimbal built and modified for high velocity by Gyrostabilized Systems in Grass Valley USA.

No other Gimbal performs like this.

We easily do +400 kts and 5.5 G turns with a rock solid image and a perfect flat horizon, with a 25-250mm lens.

It has been succesfully flying on the following platforms around the world:

SAAB 105, SAAB 32 Lansen, L39, Sabreliner 65, Twin Commander with a retractable system and soon the Lockheed T-33. Helicopters, Cars, Boats.

This system with it's open architecture takes any camera and lens on the market. Arri 65, Arri Mini LF, Sony Venice II, Red Monstro, Helium, Raptor etc.

It's the only gimbal that keeps the camera sensor at the same temperature whatever the altitude is.

Going from Jet to Helicopter or other platform takes appx 25 minutes.

It also have capacity to shoot 360.

The Cinema Pro+ 520 is optimized for larger cinema payloads and integrates more camera and lens payload configurations than any gimbal in its class. With 6-axes of movement via VectorSteering™, this gimbal can handle full-sized cinema cameras with impressive lenses! As with all GSS gimbals, the Cinema Pro+ 520 is well-suited for a variety of applications including aerial, ground vehicle, marine mounted and more.

VectorSteering™ 6-axes of movement in a 5-axis gimbal.

Stabilized look down (no gimbal lock) in a smaller, lighter package

No ITAR or EAR export restrictions

Ships as excess baggage (<70lbs/32kg per case)

MIL-STD-810F power filters with reverse polarity protection

Engineered/Manufactured to D0-160G standards - not certified

Platform designed for both standard and inverted use

Control: RS-232, RS-422, or Ethernet VIN: 18-33 VDC



*The GSS high velocity gimbal*





## **Sabreliner 65.** *Based in USA*

### General Characteristics

Crew of 2, + can take Director, Producer, DP on board  
Legal for aerobatics

Length: 46 ft. 9 in. (14.3m)  
Wingspan: 50 ft. 5 in. (15.3m)  
Height: 16 ft. (4.87m)  
Engines: PW 1830 (2)  
Fuel Capacity: 1,252 Gal.  
Max. Takeoff weight: 24,000 pounds

### Performance Characteristics

Cruise Speed: 436 kts.  
Min. Speed: 145 kts.  
Service Ceiling: 45,000 ft.  
Duration: 5 hours  
Range: 2,460 nm  
300 amps Watt Sine Wave Inverter  
Pressurized and air conditioned  
Toilet  
Ref video: <https://vimeo.com/340142196>



## **Lockheed T-33 .** *Based in USA and Canada*

The Lockheed T-33 Shooting Star (or T-Bird) is an American subsonic jet trainer.

### Performance

Maximum speed: 600 mph (970 km/h, 520 kn) at sea level-  
Cruise speed: 455 mph (732 km/h, 395 kn)  
Range: 1,275 mi (2,052 km, 1,108 nmi)  
Service ceiling: 48,000 ft (15,000 m)  
Rate of climb: 4,870 ft/min (24.7 m/s)  
Powerplant: 1 × Allison J33-A-35 centrifugal flow turbojet engine, 5,400 lbf (24 kN) 4,600 lbf (20,461.82 N) maximum continuous, dry.

Crew: 2

Length: 37 ft 9 in (11.51 m)  
Wingspan: 38 ft 10.5 in (11.849 m)  
Height: 11 ft 8 in (3.56 m)  
Wing area: 234.8 sq ft (21.81 m<sup>2</sup>)  
Airfoil: NACA 65-213[36]  
Empty weight: 8,365 lb (3,794 kg)  
Gross weight: 12,071 lb (5,475 kg)  
Max takeoff weight: 15,061 lb (6,832 kg)



## ***Twin Commander with retractable system*** *Based in Sweden*

### General Characteristics

Crew of 2, + can take Director on board

215KIAS when Gimbal is extracted

Ideal for longer missions in medium velocity.

Can change media during flight.

360 view unobstructed.

### Performance Characteristics

Cruise Speed: 450 km/tim, 280 mph.

Min. Speed: 110 kts.

Service Ceiling: 28,000 ft.

Duration: 4-5 hours

Range: 2 500 km, 1, 350 nm

Ref video: <https://vimeo.com/401430707>



## ***Saab 32 Lansen*** *Based in Sweden*

With 14 700 lbs of thrust, the Saab 32 Lansen is the fastest stabilized camera platform in the world.

A great collaboration with the Swedish Air Force Historical Flight and their experienced pilots and technicians.

There is also a Cessna 550 Citation II available for transport of technicians and spare parts.

On civil register and fully IFR equipped

### Performance Characteristics:

Maximum speed: 1,200 km/h (750 mph, 650 kn)

Range: 2,000 km (1,200 mi, 1,100 nmi)

Service ceiling: 15,000 m (49,000 ft)

Rate of climb: 100 m/s (20,000 ft/min)

Ref video 5.5G turn in 400 kts:

<https://vimeo.com/679177300>