

LEGENDS OF FLIGHT



RAW ENGINE POWER DOES NOT TRANSLATE TO OPERATIONAL EFFICIENCY OR SOCIAL DEMANDS; NEW PLANES MUST BE ENVIRONMENTALLY RESPONSIBLE

EL SEGUNDO, Calif. -- *Legends of Flight*, the newest flight film for 3D and 2D IMAX® theaters and other Giant Screen cinema venues, features a legendary attack aircraft – the Harrier Jump Jet - known the world over for its advanced technical systems and flying agility.

“The reason we feature the Harrier Jump Jet in *Legends of the Flight* is to make a single dramatic point: airplanes need power and lots of it if they are to get off the ground and eventually fly. There is no more brutal, violent and shocking display of raw engine power than that displayed by a stationary Harrier called into the air by its downward blast of red-hot turbine exhaust,” said Stephen Low, the film’s director.

“Once at operational altitude, the engines shift direction to enable forward flight. The noise drops and Dr. Jekyll becomes Mr. Hyde -a sophisticated attack plane with surgical strike abilities,” continued Low.

When developing new power systems for any aircraft, engineers must consider economy, efficiency and the environment. While the Harrier’s shocking power is to be admired, the power complement for the new Boeing 787 Dreamliner is perhaps even more impressive. The two-engine array delivers is the cleanest, quietest and most efficient turbo-fan jet engine ever used by Boeing for a transport airplane.

In the modern non-military world performance must accommodate environmental and operational cost realities --case in point, the magnificent Concorde. Now retired, despite supersonic capabilities and a luxury cabin, Concorde had all the amenities of a

luxury hotel fitted to Harrier-like engines that unfortunately spewed noise and emissions detritus like no passenger airplane before or since.

“We learned from the Concorde and earlier passenger jets that the next generation of luxury flight had to accommodate more than a handful of passengers, be environmentally friendly, efficient to operate, fast and comfortable. Building a Concorde clone or 747 with Harrier-like engine power and nothing else would have been inappropriate for the times,” said Boeing Test Pilot for 787 program, Mike Carriker.

In *Legends of Flight* the case is made for technically advanced engines and smart wing systems which, unlike the Harrier’s, offer a more benign impact on environment and climate.

“The 787 is the greenest jet transport Boeing has yet developed. Our partners at Rolls-Royce and General Electric have ushered in an important new generation of jet engines. Their engines enable larger, more complex airplanes to fly higher, faster and farther than any before. And, they do it more cleanly, efficiently and quietly. These are significant engineering and social achievements,” Carriker concluded.

Like the Boeing 787 Dreamliner, the Airbus A380 is equipped with similar engines and delivers equal benefits to the environment, passengers within the airplane, and for the communities and people living in proximity to airports. Together, these advanced aircraft are featured in *Legends of Flight* and are symbolic of new engineering that satisfies commercial realities while cherishing the environment.

Legends of Flight is directed by Stephen Low and produced by The Stephen Low Company (producer Pietro L. Serapiglia), executive produced by K2 Communications (executive producers Bob Kresser and Jan Baird), and is in association with the Smithsonian National Air and Space Museum.

The Stephen Low Company is a producer of leading 3D and IMAX entertainment and a distributor to IMAX theaters and other giant screen theatres worldwide. Award-winning filmmaker Stephen Low is the director of more than a dozen Giant Screen films including, *Across the Sea of Time*, *Mark Twain's America*, *Beavers*, *Titanica*, *Super Speedway*, *Fighter Pilot* and *The Ultimate Wave Tahiti* among many other classic titles.

Recognized as leaders in the Giant Screen industry, K2 Communications brings a wealth of success and experience in all aspects of production oversight, global

distribution, and marketing. K2's distribution arm counts more than 65 large screen format films in its library for non-theatrical distribution, plus more than 25 films for digital theater distribution, and another five for Giant Screen theatrical distribution. The company has become one of the industry's leading resources for Giant Screen films and will be releasing its next 3D film, *Rescue*, in February 2011.

K2 Communications also operates the only comprehensive Giant Screen consumer/fan website, BigMovieZone.com. For more information, consult www.k2communications.com. For information on film, visit www.legendsofflightfilm.com.

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