

FOR RELEASE IN **2D** AND **3D**, ALL FORMATS

LEGENDS OF FLIGHT

SEE HOW THE AIRPLANES OF THE 20TH CENTURY HELPED INFLUENCE THE RADICAL NEW DESIGN OF 21ST CENTURY AIRCRAFT.

SEE HOW HIGH TECH MANUFACTURERS AROUND THE WORLD USE MODERN TECHNOLOGY TO COORDINATE THE DESIGN AND CONSTRUCTION OF NEW AIRCRAFT.

FLY IN THE COCKPIT WITH CHIEF TEST PILOT, MIKE GARRIKER, AS HE TAKES THE NEW 787 DREAMLINER ON ITS FIRST TEST FLIGHT.



LEGENDS OF FLIGHT

A NEW GENERATION

LEGENDSOFFLIGHTFILM.COM

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DIRECTED BY STEPHEN LOW PRODUCED BY PIETRO L. SERAPIGLIA A PRODUCTION OF JETLINER FILMS INC. IN ASSOCIATION WITH K2 COMMUNICATIONS
EDITOR JAMES LAHTI DIRECTOR OF PHOTOGRAPHY MARK POIRIER EXECUTIVE PRODUCERS BOB KRESSER JAN BAIRD IN ASSOCIATION WITH THE SMITHSONIAN NATIONAL AIR AND SPACE MUSEUM

Legends is a film that will not only delight and entertain the aviation enthusiast, but also educate and inspire renewed interest in aviation by the traveling public, the media, and young people who may ultimately aspire to a career in aviation. It dramatizes the design challenges, the financial risks, and the many lessons learned from a century of aviation trial and error, bringing us to the dawn of a new era of revolutionary aircraft, the 787 Dreamliner and the A380. The film will focus on the 787 to facilitate audience understanding of the dynamic design differences between the two latest aircraft technologies.

Designing a completely new airplane from scratch takes tremendous engineering skill, imagination, experience, and courage. It also must incorporate a great understanding of the legendary airplanes of the past. A central character in the film, Mike Carriker, is a test pilot who has flown over 100 different aircraft in his career. He will take the audience on a journey through aviation history to explore the concept of the ultimate flying experience, because after all, that is the central goal in designing the ultimate airplane. To fulfill audience expectations, and faithfully demonstrate the aerodynamic principles discussed, there will be breathtaking flying sequences featuring some of history's most influential airplanes.

Soaring above the Rockies in one of the most advanced gliders ever created, we suddenly catch a down draft and skim over a river at 25 feet—right out over the audience. All of a sudden there is a cliff staring us in the face. We begin to climb and as we crest over the cliff, we are free once again to play among the thunderheads.

From the beauty of soaring to the violence of a blast of hot air and dust, we lift-off as a Harrier Jump Jet takes off vertically right into the theater on a flight that will stretch our imaginations and our stomachs. If ever a film belonged on the giant screen, Legends is that film.



Throughout the history of flight, inventors and engineers have worked to mimic the properties and techniques that enable winged creatures to fly nearly effortlessly. The leading-edge aviation innovators in Legends of the Sky 3D are keen examples, applying composite materials and variable wings to better achieve bird-like strength, weight and flight agility. To illustrate these innovations in a way that comes to life for young people and adults, filmmaker Stephen Low uses SANDDE (Stereoscopic Animation Drawing Device) animation technology as a perfect tool to bring the organic nature of flight alive in 3D for giant screen audiences.

Now fly back 80 years and feel the cold air in your face as you enjoy a beautiful ballet in a vintage wooden bi-plane as it maneuvers through loops and rolls; feel the elation of flying as if you are in the cockpit. Wooden aircraft were incredibly strong for their weight. The return to carbon-based materials on the 787 is what makes possible an extraordinary edge in strength to weight ratio over conventional aluminum aircraft.



The durable wood in early airplanes was an important predecessor to the composite fuselage of the 787 which is a primary reason for the airplane's fuel efficiency.

Remember when flying was an occasion for which you dressed up? Remember that three-tail beauty that made long range flying practical for all of us? Take a ride in a Super Constellation; for some of us that had to be the ultimate flying experience.



An important role model for restoration of the passenger's joy of flying—a central theme of the 787.

We'll show how each of these aircraft have contributed to the creation of the 787. We'll provide a fascinating, insiders look at all the milestone events in manufacturing, assembly and testing. We'll explore how the principles of aeronautical design have been stretched to the limit, and innovatively applied. We'll experience the rigors of test flight with Carriker from a seat in the 787 cockpit. To see an alternative vision we will travel to the Paris Air Show and see the new Air Bus 380 and we will do it all in IMAX® 3D. And, ultimately, we'll share the incredible drama of first flight with people who have put their careers at risk to build a truly different airplane.



The raw power of the Harrier is a triumph of engineering, demonstrating that with enough power one can fly without aerodynamics.



To pass safety regulations, a modern airliner must be able to glide in the event its engines fail.