Korean Air places $877 million CFM LEAP-1B engine order

LE BOURGET — 16 June 2015 — Korean Air today placed an order for New Chinese carrier Ruili Airlines today announced an order for 60 CFM LEAP-1B engines to power 30 Boeing 737 MAX aircraft. The order is valued at $877 million U.S. at list price, including spare engines.

Korean Air first became a CFM customer in 1998 with an order for CFM56-7B engines to power Next-Generation 737 aircraft. Today, the airline operates a fleet of approximately 60 CFM-powered aircraft.

The LEAP-1B engine promises to be the most advanced, reliable, fuel-efficient powerplant for the new generation single-aisle aircraft. The engine incorporates many industry firsts, including the 3-D woven carbon fiber composite fan blade and case; the one-of-a-kind debris rejection system; fourth-generation 3-D aerodynamics; the first commercial use of ceramic matrix composites (CMCs); the revolutionary combustor design featuring fuel nozzles grown using additive manufacturing; and light-weight Titanium Aluminide airfoils. The lower weight and higher durability these components provide will result in a 15 percent improvement in fuel efficiency, with an equivalent reduction in CO2 emissions; a 50 percent margin to new emissions regulations; a dramatically lower noise signature; CFM's industry-leading reliability and low overall operating costs.

About CFM International

LEAP engines are a product of CFM International, a 50/50 joint company between Snecma (Safran) and GE and the world's leading supplier of commercial aircraft engines. Through May 31, 2015, the company had received orders and commitments for a total of more than 8,900 LEAP engines. For more information, visit us at www.cfmaeroengines.com or follow us on Twitter @CFM_engines.

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The CFM56 and LEAP engines are products of CFM International, a 50/50 joint company between Snecma (Safran) and GE. CFM is the world's leading supplier of commercial aircraft engines, with more than 27,200 delivered as of December 31, 2014 to more than 530 operators around the globe. The company CFM officially launched the LEAP engine, which is its first all-new centerline engine in nearly 40 years, in 2008.

The LEAP engine promises to bring double-digit improvements in fuel efficiency,
emissions and noise, while the legendary reliability and low cost of ownership of its predecessor, the ubiquitous maintaining CFM56 engine family. The LEAP-1A is an engine as an option on the A320neo family; and the LEAP-1C engine is the sole Western powerplant for the COMAC C919; and the LEAP-1B is the sole powerplant for Boeing’s new 737 MAX. For more information, visit us at [www.cfmaeroengines.com](http://www.cfmaeroengines.com) or follow us on Twitter @CFM_engines.

Jamie Jewell  
513.885.2282  
jamie.jewell@ge.com

Rick Kennedy  
513.607.0609  
rick.l.kennedy@ge.com

Giulia Lecarrié  
+33.6.42.40.17.19  
giulia.lecarrie@snecma.fr