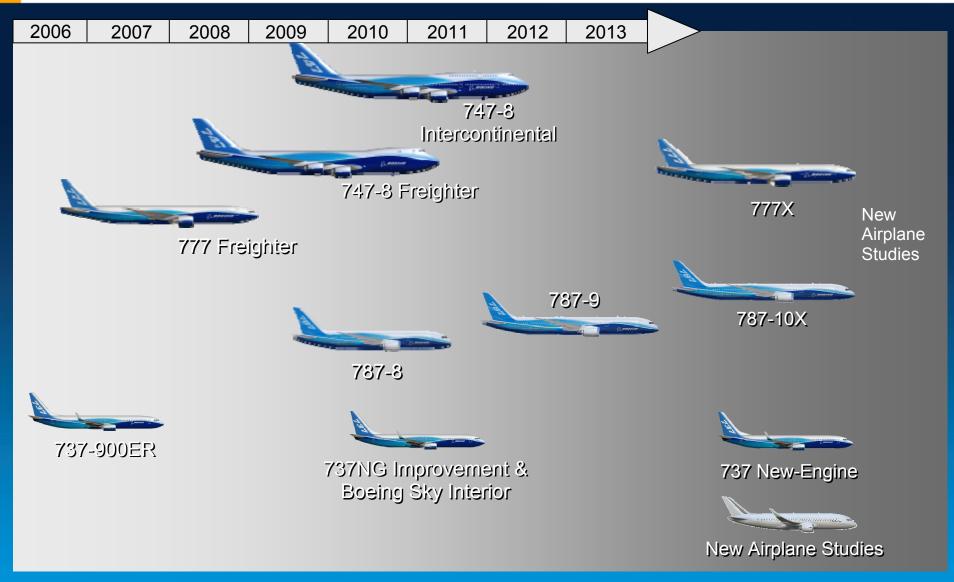


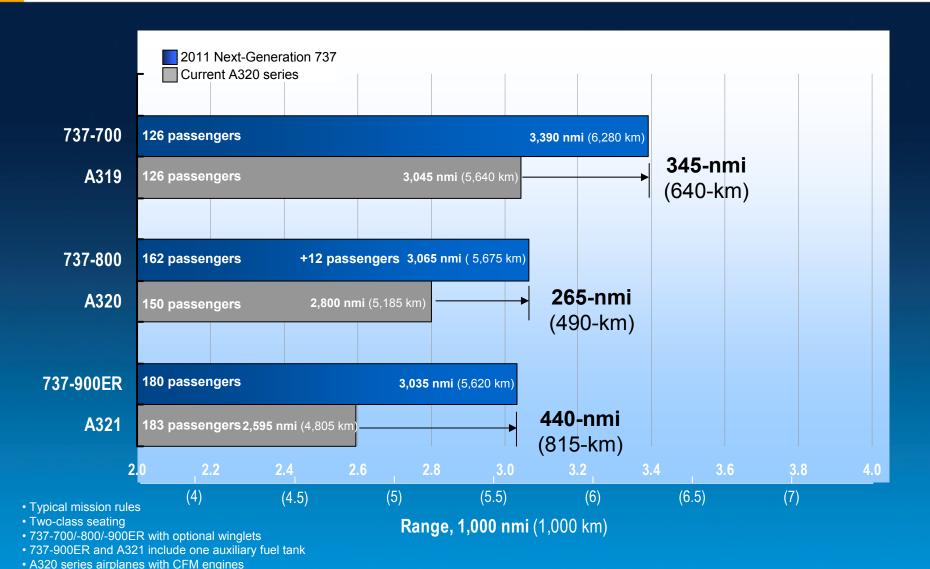
Boeing Product Development Activities



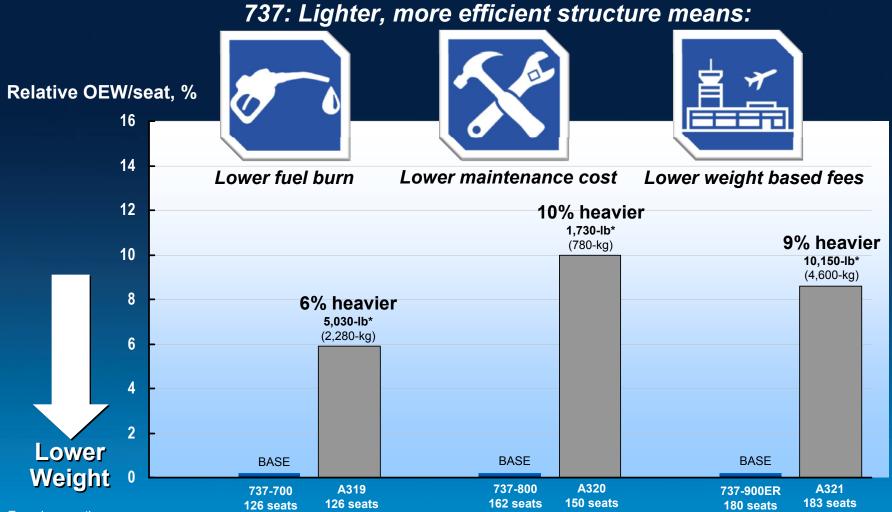
Today The 737 Enjoys A Substantial Advantage Over The A320



Today The 737 Enjoys Substantial Range Superiority Over The A320



Today's 737 Weight Advantage Reduces Costs



Two-class seating

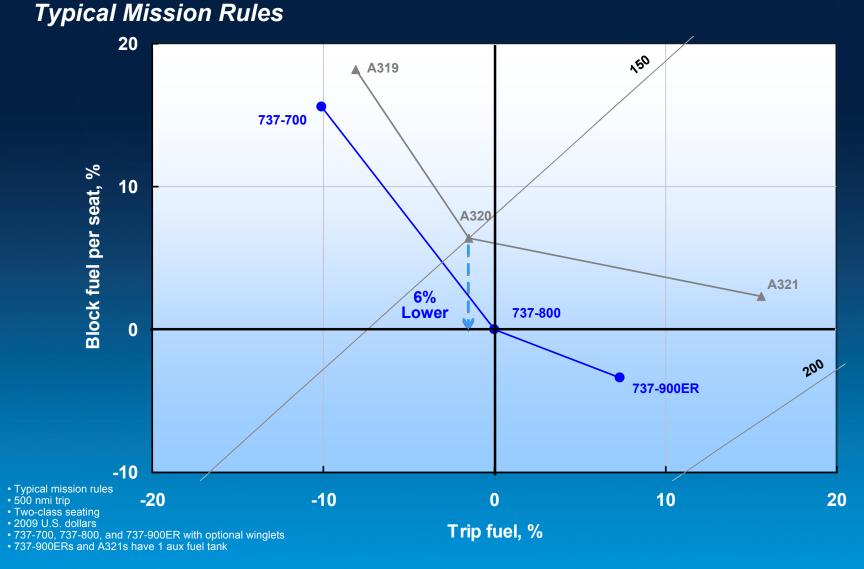
* Total airplane OEW difference

^{• 737-700/-800/-900}ER with optional winglets

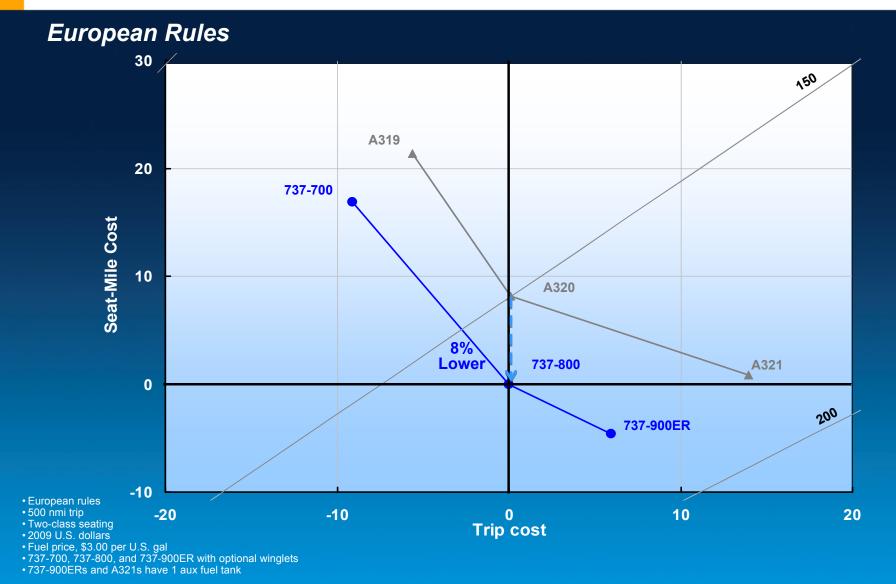
^{• 737-900}ER and A321 include one auxiliary fuel tank

A320 series airplanes with CFM engines

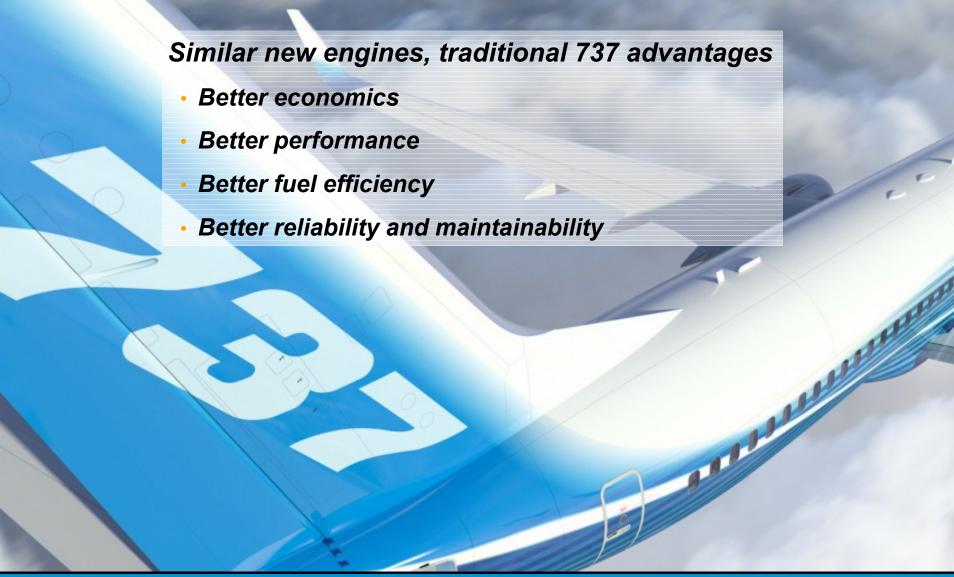
Today's Fuel Burn Comparison



Today's operating cost comparison

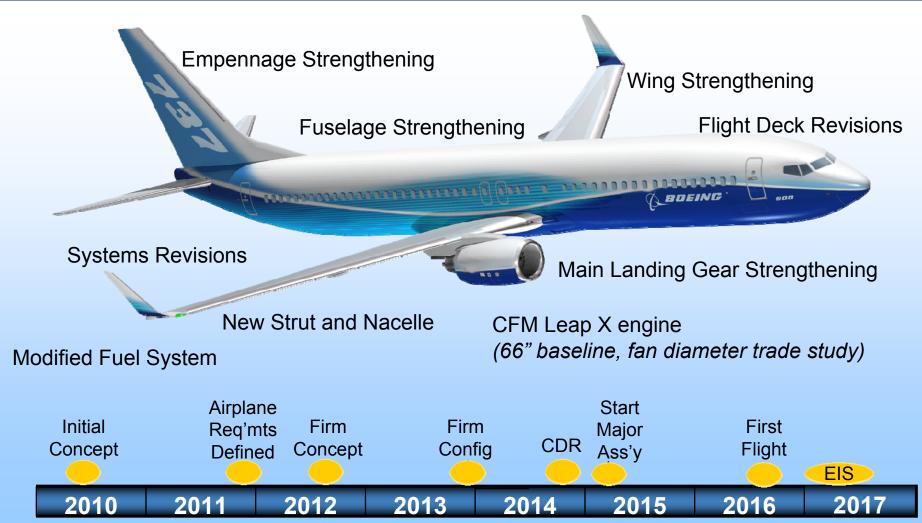


Tomorrow The 737 Will Continue The Traditional 737 Advantages Over The A320neo



Introducing A New Engine For The 737 Changes Required Are Well Understood

Increased range and Maximum Takeoff Weight with reduced fuel burn

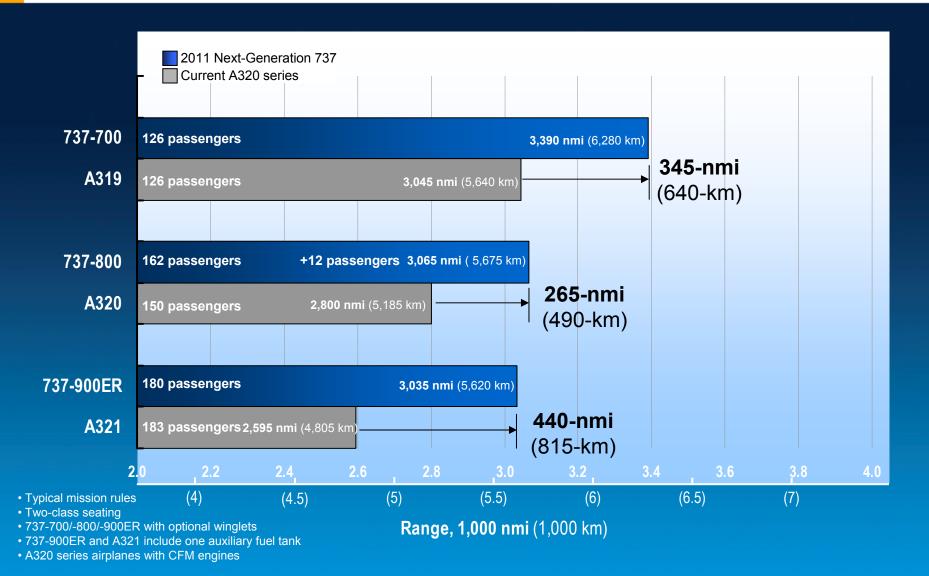


737 New Engine Events Completed to Date

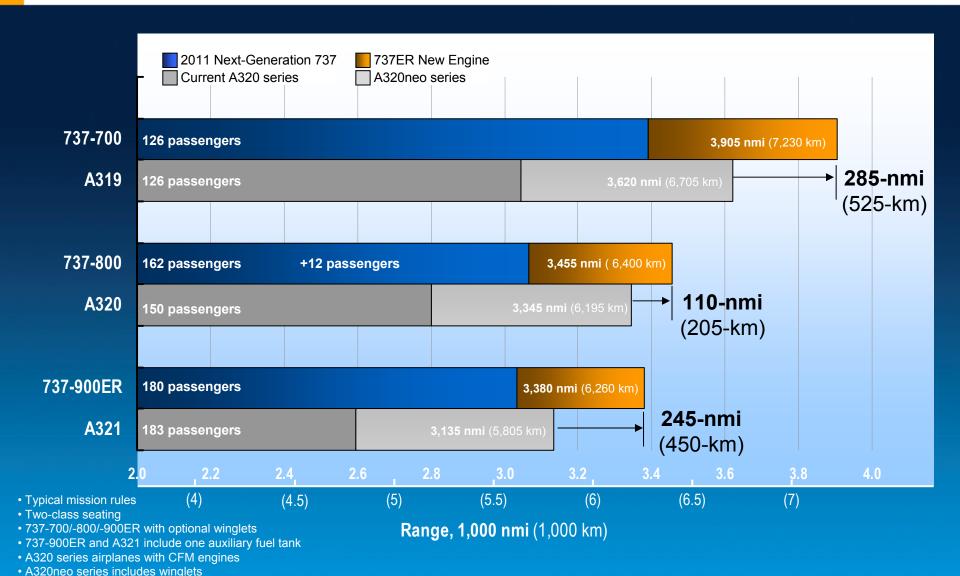
- High and low speed wind tunnel tests
- Airframe loads assessment to validate structural changes
- Engine technology benchmarking study; engine selection and CFM MOU
- Revised baseline configuration definition
- Preliminary certification plan developed and reviewed with FAA
- Major trade studies for further optimization identified

Confidence established in airplane changes to meet requirements

Today The 737 Enjoys Substantial Range Superiority Over The A320

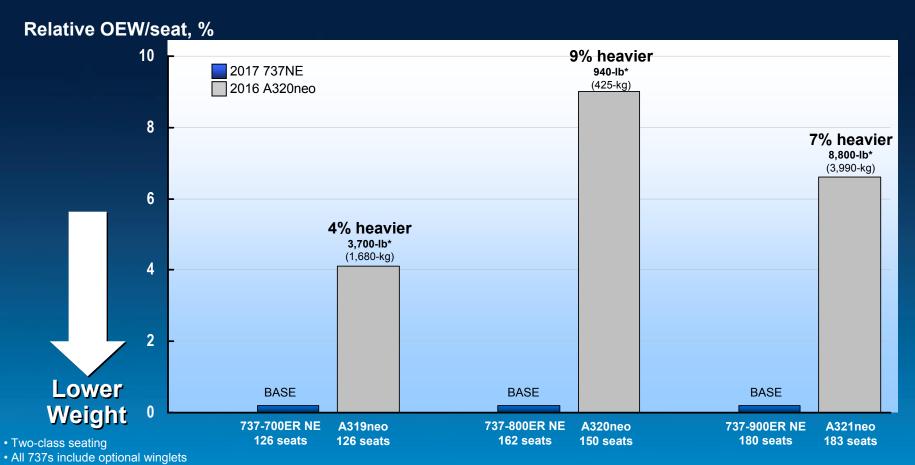


New Engines On The 737 Retain The Range Superiority Over The A320



The 737 With New Engines Is Lighter

The 737 weight advantage continues



^{• 737-900}ER and A321 include one auxiliary fuel tank

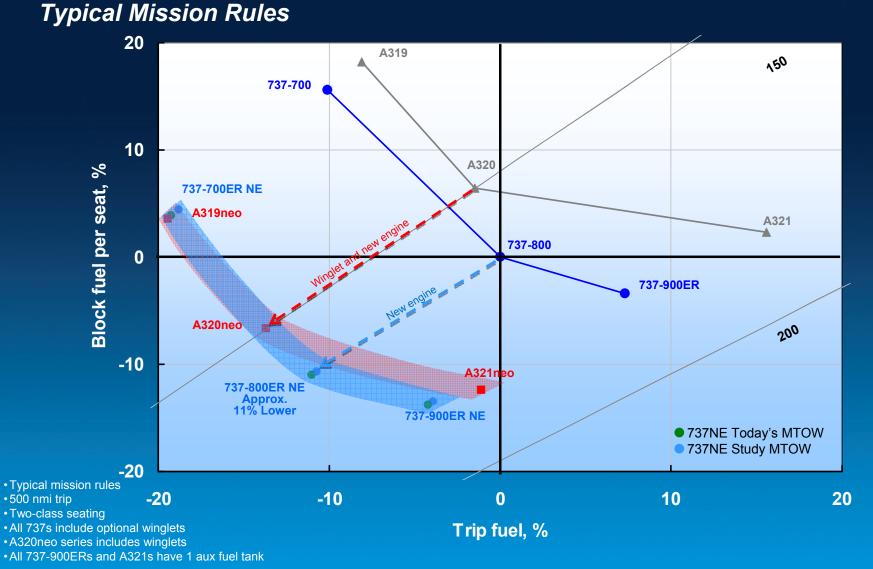
737 New Engine_Bair.13 Copyright © 2011 Boeing. All rights reserved.

[•] A320 series airplanes with CFM engines

[•] A320neo series includes winglets

^{*} Total airplane OEW difference

Today And Tomorrow Fuel Burn Comparison



The New Engine 737 Maintains Lower Operating Costs

