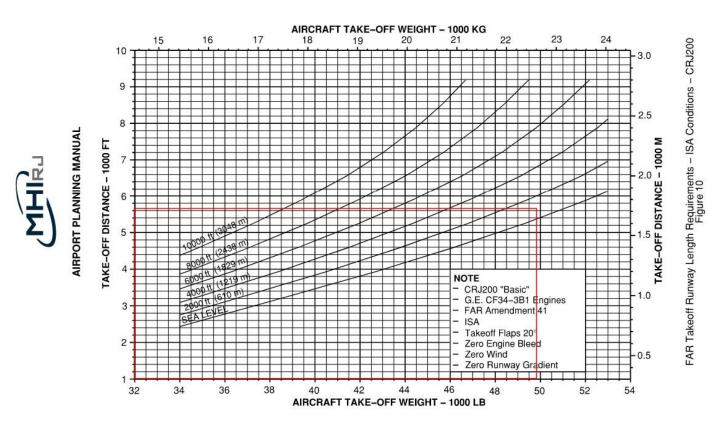


Appendix C: Aircraft Takeoff Distance Performance Charts

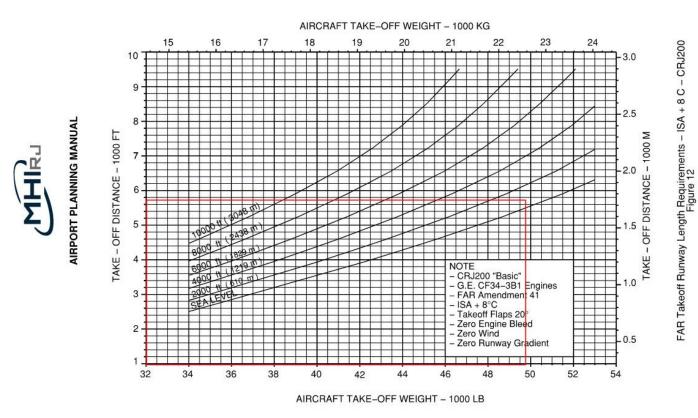


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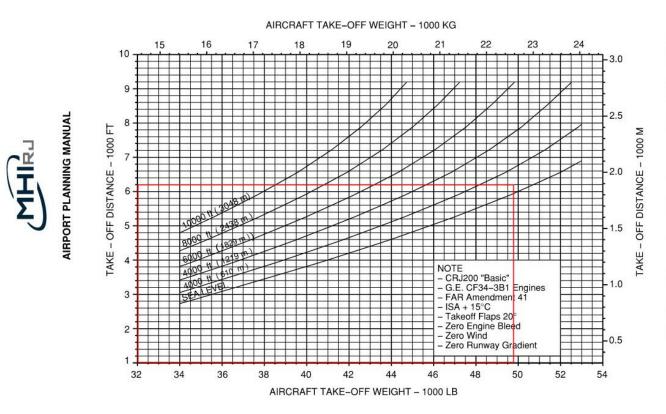


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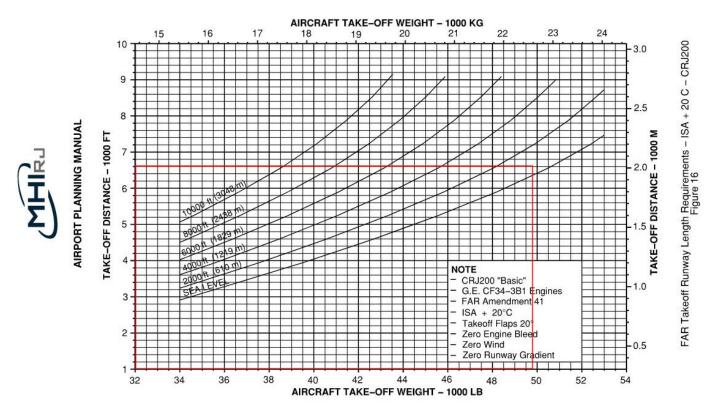
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FAR Takeoff Runway Length Requirements - ISA + 15 C - CRJ200 Figure 14

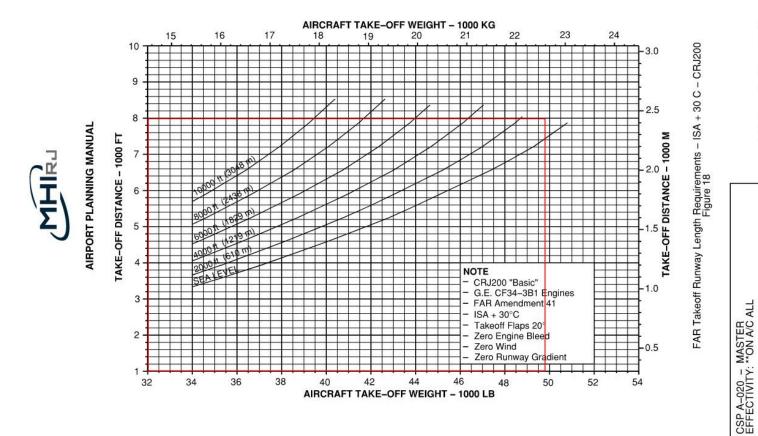


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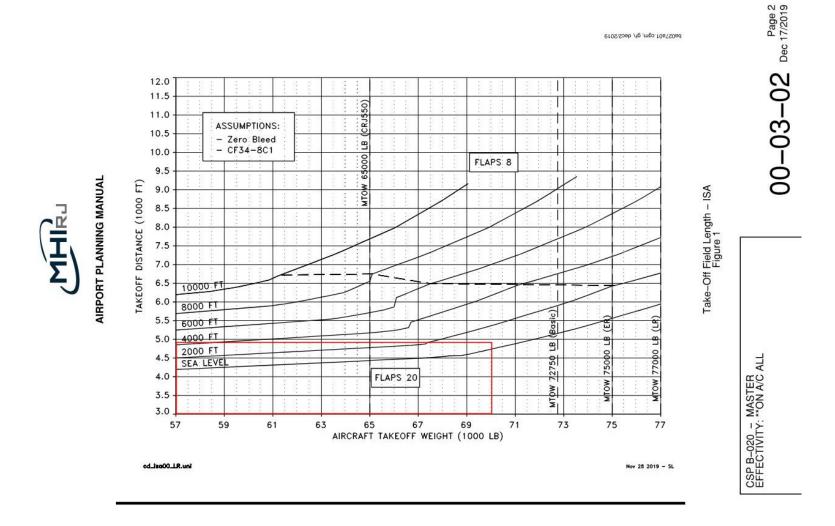


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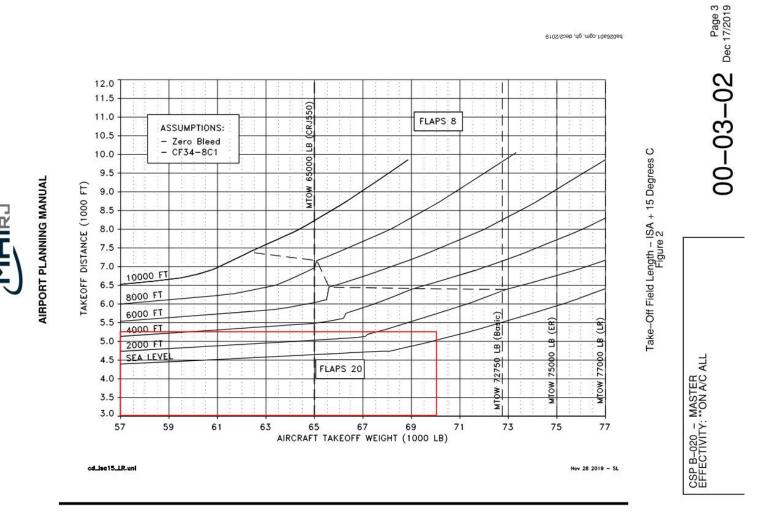


La Crosse Regional Airport Master Plan

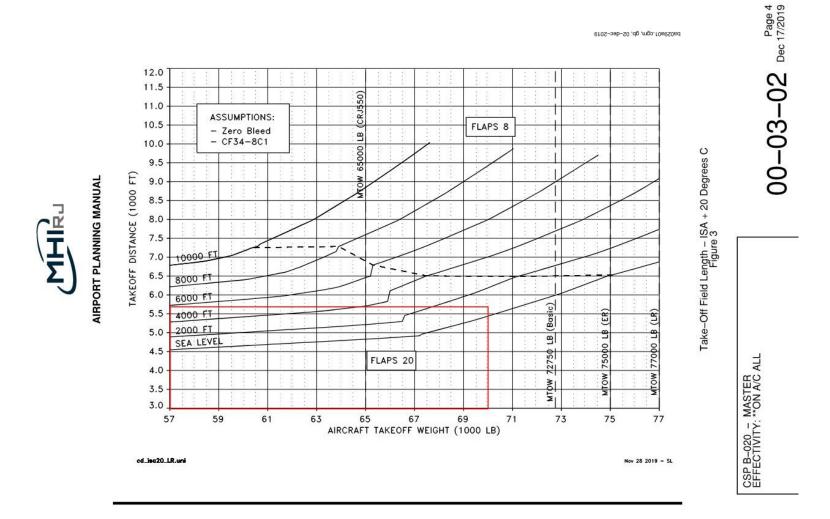








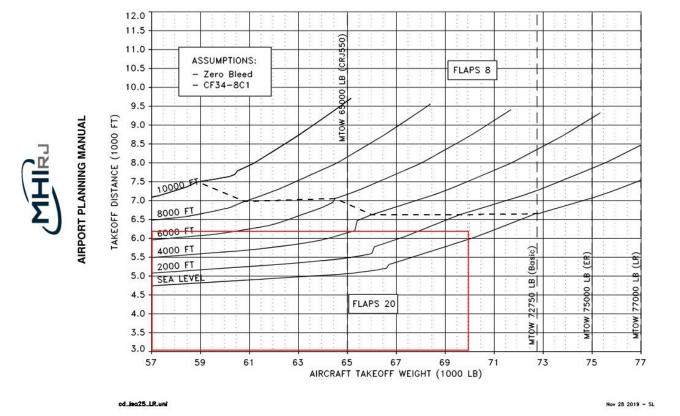






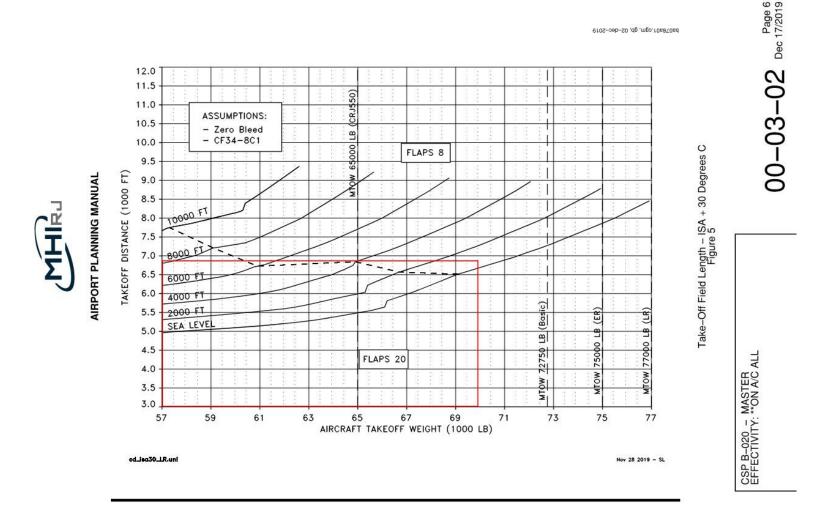
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Take-Off Field Length – ISA + 25 Degrees C Figure 4









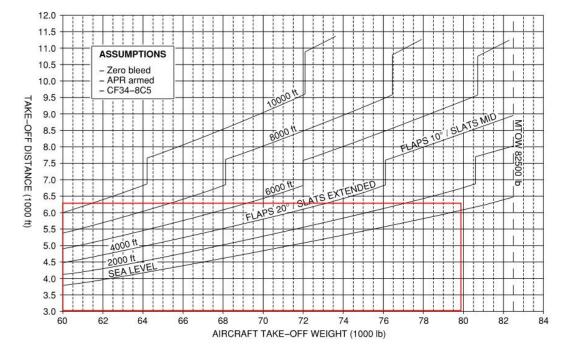
CSP C-020 - MASTER EFFECTIVITY: **ON A/C ALL

> Take-Off Field Length - ISA Figure 1

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Figure 1

00-03-02 oct 20/2010



AIRPORT PLANNING MANUAL



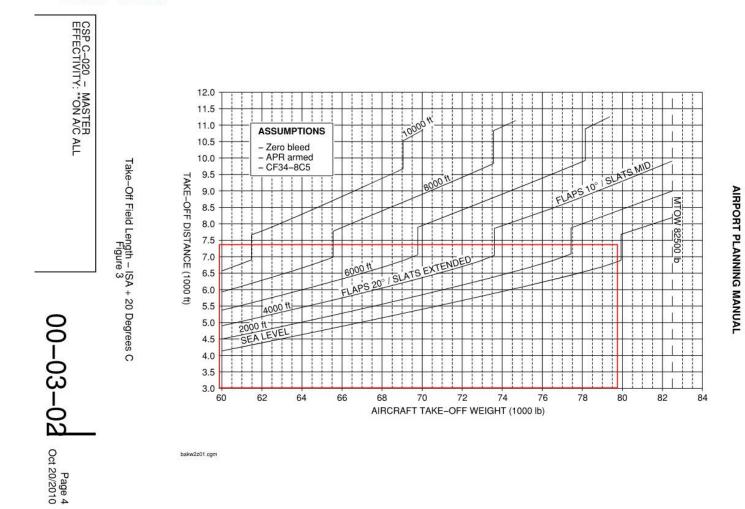
CSP C-020 - MASTER EFFECTIVITY: **ON A/C ALL 12.0 11.5 11.0 **ASSUMPTIONS** 10.5 Zero bleedAPR armedCF34-8C5 10.0 Take-Off Field Length - ISA + 15 Degrees C Figure 2 9.5 TAKE-OFF DISTANCE (1000 ft) 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.0 3.5 3.0 60 62 64 66 68 70 72 74 76 78 80 82 AIRCRAFT TAKE-OFF WEIGHT (1000 lb) Page 3 Oct 20/2010

bakw1z01.cgm

AIRPORT PLANNING MANUAL

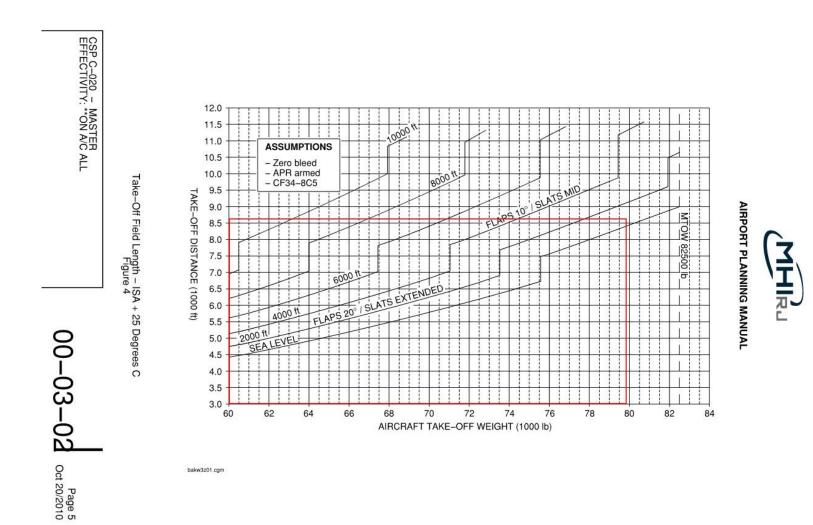


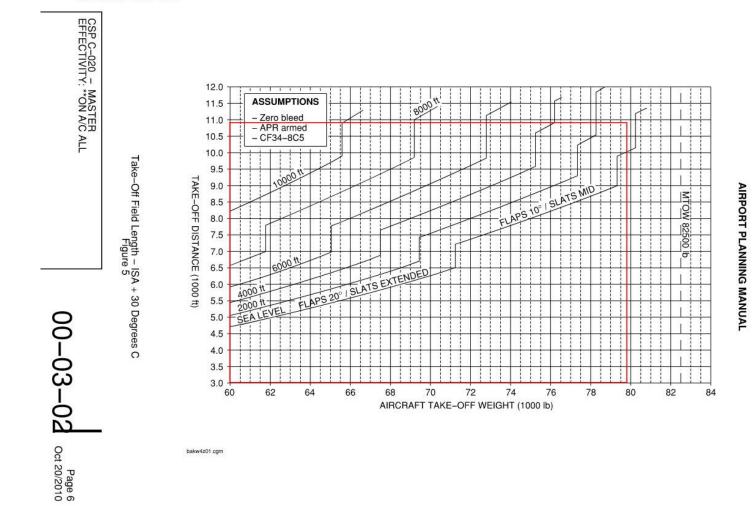




La Crosse Regional Airport Master Plan









EMB145 ISA



3.3 FAR Takeoff Runway Length Requirements

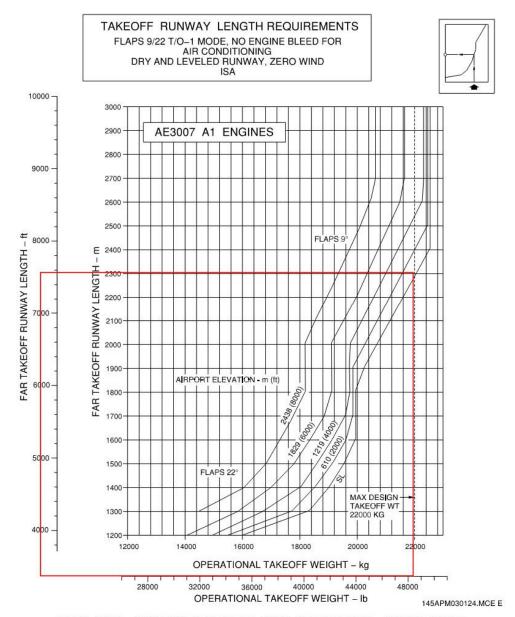


Figure 3.3.1 - FAR Takeoff Runway Length Requirements - ISA Conditions Sheet 1

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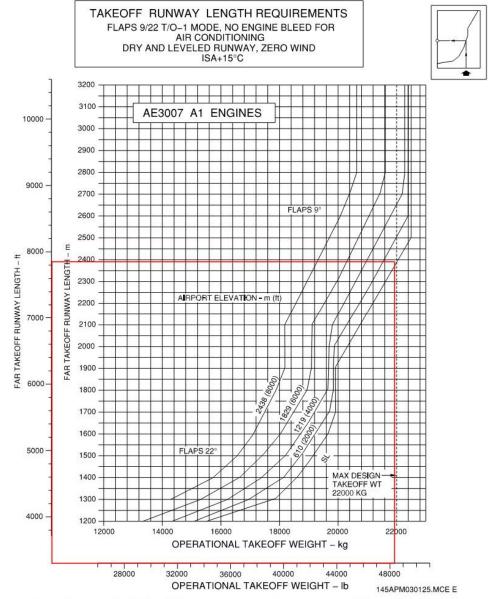


Figure 3.3.2 - FAR Takeoff Runway Length Requirements - ISA + 15°C Conditions Sheet 1

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Page 3-15 Sep 23/19



EMB175 ISA



AIRPORT PLANNING MANUAL

EFFECTIVITY: ALL Takeoff Field Lengths - ISA Conditions Figure 3.5

TAKEOFF FIELD LENGTH CF 34-8E5 ENGINE@T/O-1 MODE ATTCS: ON / ECS: OFF DRY, SMOOTH, HARD PAVED AND LEVEL RUNWAY ISA 13000 4000 AIRPORT PRESSURE ALTITUDE m (ft) 3800 12000 3600 3400 11000 3200 1829 10000 3000 (10000) 1219 2438 (8000) 609 2800 8000 (2000)FLAP 1 2600 FIELD LENGTH - ft 8000 SEA LEVEL FIELD LENGTH -2400 -570 FLAP 2 (-1870)2200 7000 2000 6000 1800 1600 FLAP 4 5000 1400 4000 1200 1000 3000 800 600 EM170APM030064C.DGN 2000 400 -20000 22000 24000 26000 28000 30000 32000 34000 36000 38000 40000 WEIGHT - kg 45000 49000 53000 57000 61000 65000 69000 73000 77000 81000 85000

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WEIGHT - Ib

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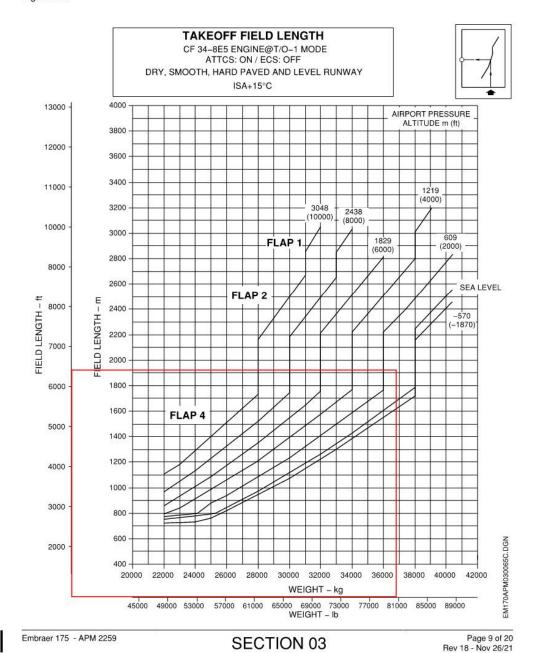


EMB175 ISA +15



AIRPORT PLANNING MANUAL

EFFECTIVITY: ALL
Takeoff Field Lengths - ISA + 15 °C Conditions
Figure 3.6



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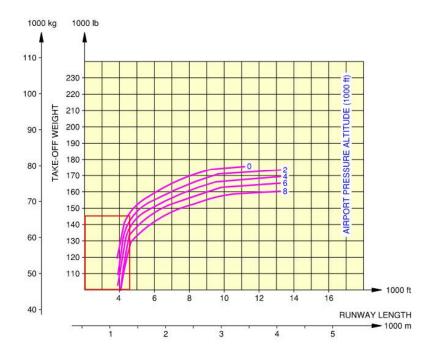
A319 ISA +15

SA319

AIRCRAFT CHARACTERISTICS - AIRPORT AND MAINTENANCE PLANNING

**ON A/C A319-100

NOTE: THESE CURVES ARE GIVEN FOR INFORMATION ONLY THE APPROVED VALUES ARE STATED IN THE "OPERATING MANUALS" SPECIFIC TO THE AIRLINE OPERATING THE AIRCRAFT.



N_AC_030302_1_0030101_01_00

Take-Off Weight Limitation - ISA +15[deg]C (+27[deg]F) Conditions CFM56 Series Engine FIGURE-3-3-2-991-003-A01

3-3-2

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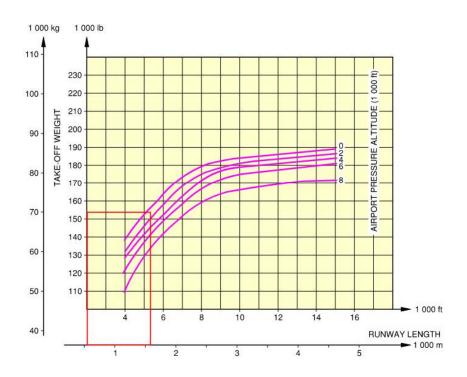
A320 ISA

SA320

AIRCRAFT CHARACTERISTICS - AIRPORT AND MAINTENANCE PLANNING

**ON A/C A320-200

NOTE: THESE CURVES ARE GIVEN FOR INFORMATION ONLY THE APPROVED VALUES ARE STATED IN THE "OPERATING MANUALS" SPECIFIC TO THE AIRLINE OPERATING THE AIRCRAFT.



N_AC_030301_1_0050101_01_01

Take-Off Weight Limitation - ISA Conditions CFM56 Series Engine FIGURE-3-3-1-991-005-A01

3-3-1

Page 2 Dec 01/21



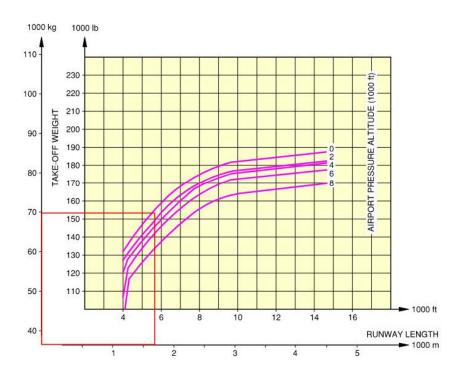
A320 ISA +15

SA320

AIRCRAFT CHARACTERISTICS - AIRPORT AND MAINTENANCE PLANNING

**ON A/C A320-200

NOTE: THESE CURVES ARE GIVEN FOR INFORMATION ONLY
THE APPROVED VALUES ARE STATED IN THE "OPERATING MANUALS" SPECIFIC TO THE AIRLINE OPERATING THE AIRCRAFT.



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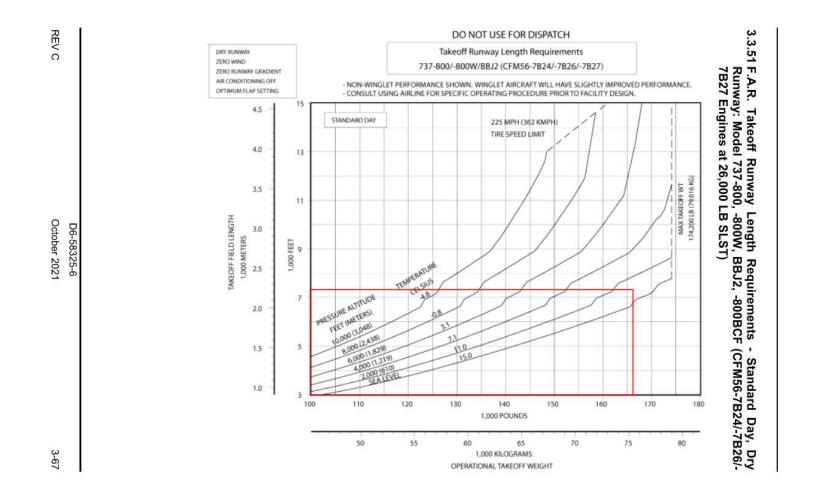
Take-Off Weight Limitation - ISA +15[deg]C (+27[deg]F) Conditions CFM56 Series Engine FIGURE-3-3-2-991-005-A01

3-3-2

Page 2 Dec 01/21

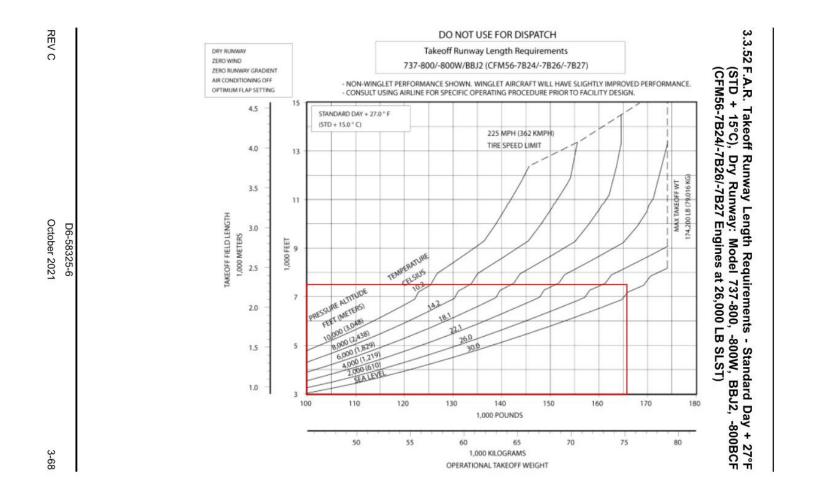


B737 ISA



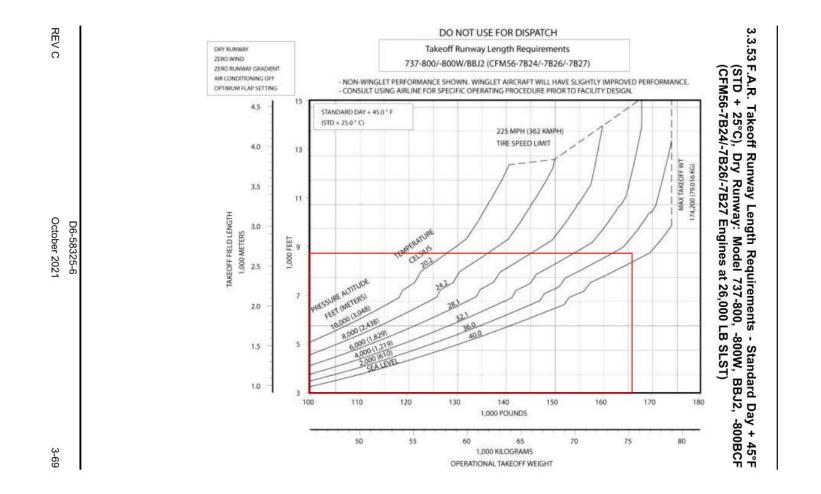


B737 ISA +15



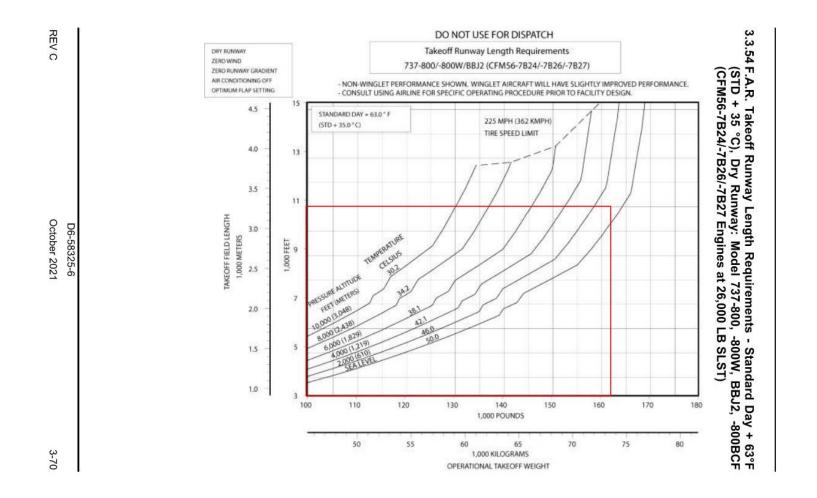


B737 ISA +25





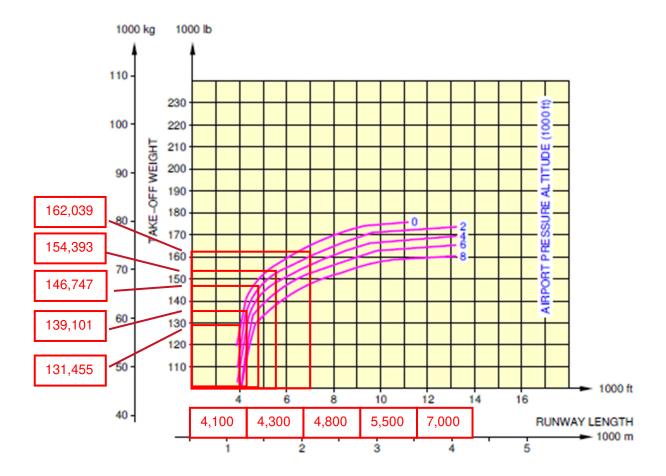
B737 ISA +35





A319

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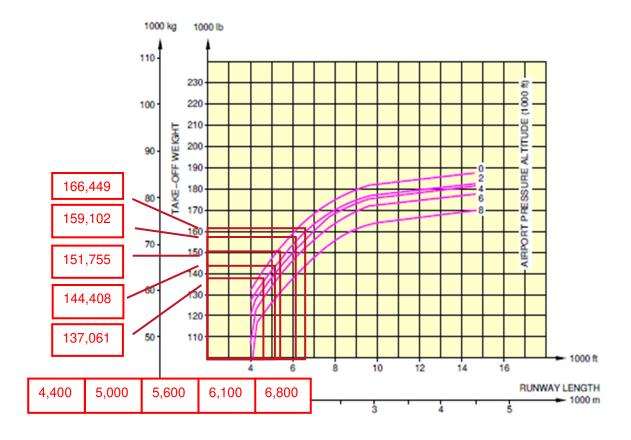
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Take-Off Weight Limitation - ISA +15 °C (+59 °F) Conditions CFM56 Series Engine FIGURE-3-3-2-991-003-A01



A320

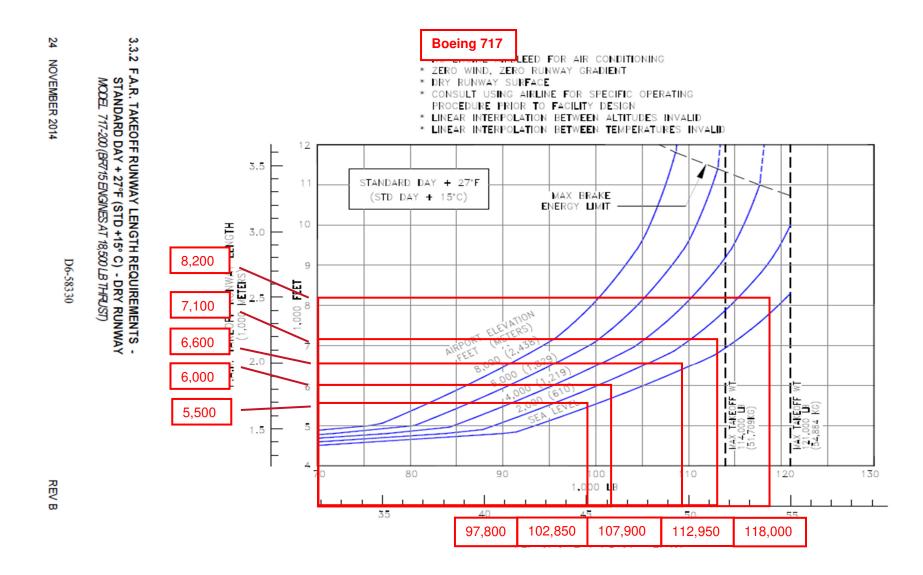
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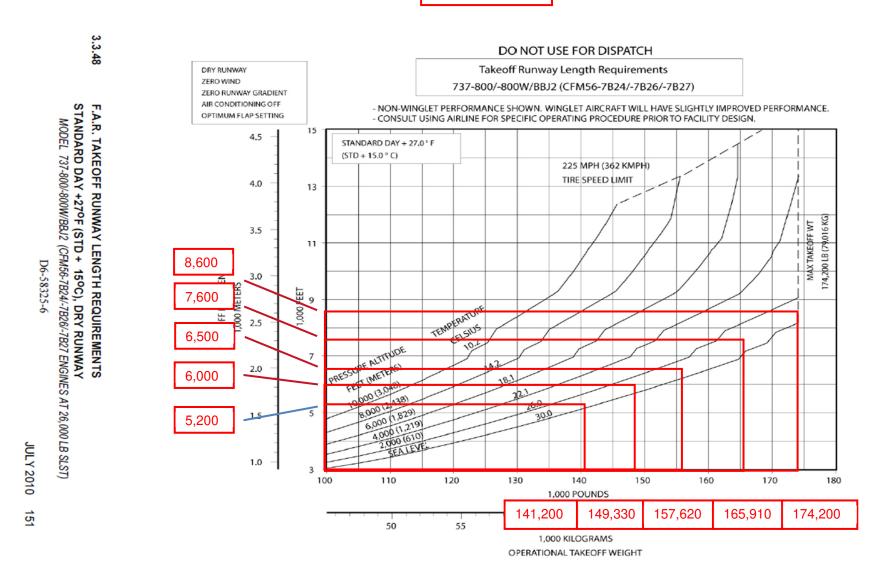
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Take-Off Weight Limitation - ISA +15 °C (+59 °F) Conditions CFM56 Series Engine FIGURE-3-3-2-991-005-A01



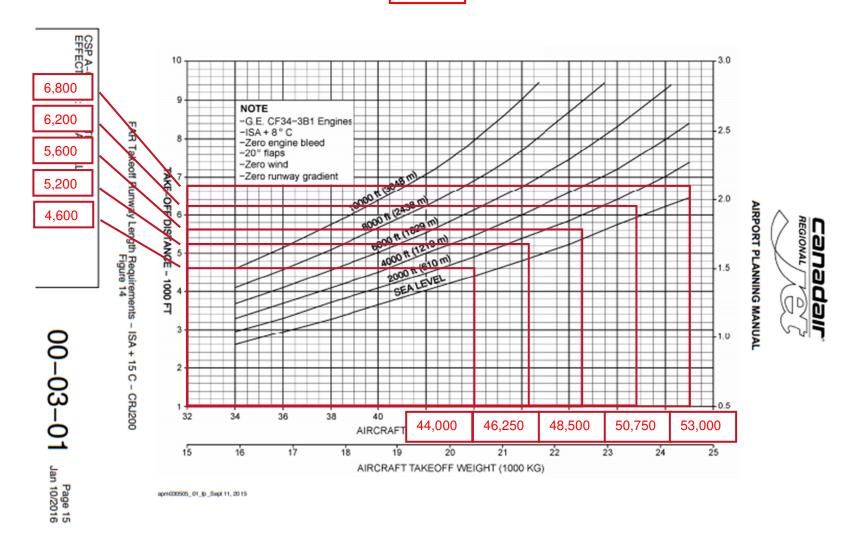


Boeing 737-800



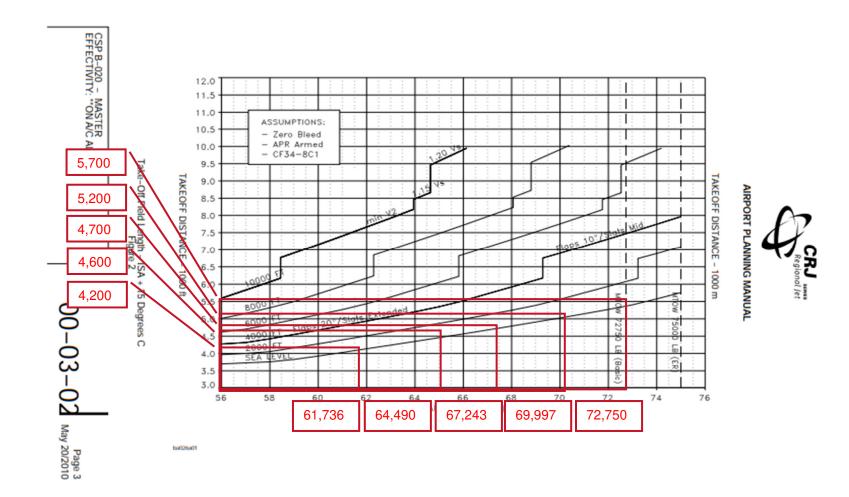


CRJ200





CRJ700



CRJ900

