

■ Appendix Four

*Boeing 767-300 Aircraft Planning
Manual F.A.R. Takeoff and
Landing Length Charts*

MASTER PLAN UPDATE



**King County
International Airport/
Boeing Field**

**Mead
& Hunt**

CHARACTERISTICS	UNITS	767-300 FREIGHTER (1)					
		CF6-80C2F		PW 4000		RB211-524	
MAX DESIGN	POUNDS	409,000	413,000	409,000	413,000	409,000	413,000
TAXI WEIGHT	KILOGRAMS	185,519	187,334	185,519	187,334	185,519	187,334
MAX DESIGN	POUNDS	408,000	412,000	408,000	412,000	408,000	412,000
TAKEOFF WEIGHT	KILOGRAMS	185,066	186,880	185,066	186,880	185,066	186,880
MAX DESIGN	POUNDS	326,000	326,000	326,000	326,000	326,000	326,000
LANDING WEIGHT	KILOGRAMS	147,871	147,871	147,871	147,871	147,871	147,871
MAX DESIGN ZERO	POUNDS	309,000	309,000	309,000	309,000	309,000	309,000
FUEL WEIGHT	KILOGRAMS	140,160	140,160	140,160	140,160	140,160	140,160
SPEC OPERATING	POUNDS	188,000	188,000	188,100	188,100	190,000	190,000
EMPTY WEIGHT (2)	KILOGRAMS	85,275	85,275	85,321	85,321	86,183	86,183
MAX STRUCTURAL	POUNDS	121,000	121,000	120,900	120,900	119,000	119,000
PAYLOAD	KILOGRAMS	54,885	54,885	54,839	54,839	53,978	53,978
MAX CARGO	(3) UP TO 24 TYPE A PALLETS AND 2 SPECIAL CONTOURED PALLETS						
- MAIN DECK	(4) UP TO 14 M-1 PALLETS AND 2 SPECIAL CONTOURED PALLETS						
MAX CARGO	CUBIC FEET	4,030	4,030	4,030	4,030	4,030	4,030
- LOWER DECK	CUBIC METERS	114.1	114.1	114.1	114.1	114.1	114.1
USABLE FUEL	US GALLONS	24,140	24,140	24,140	24,140	24,140	24,140
	LITERS	91,380	91,380	91,380	91,380	91,380	91,380
	POUNDS	161,740	161,740	161,740	161,740	161,740	161,740
	KILOGRAMS	73,364	73,364	73,364	73,364	73,364	73,364

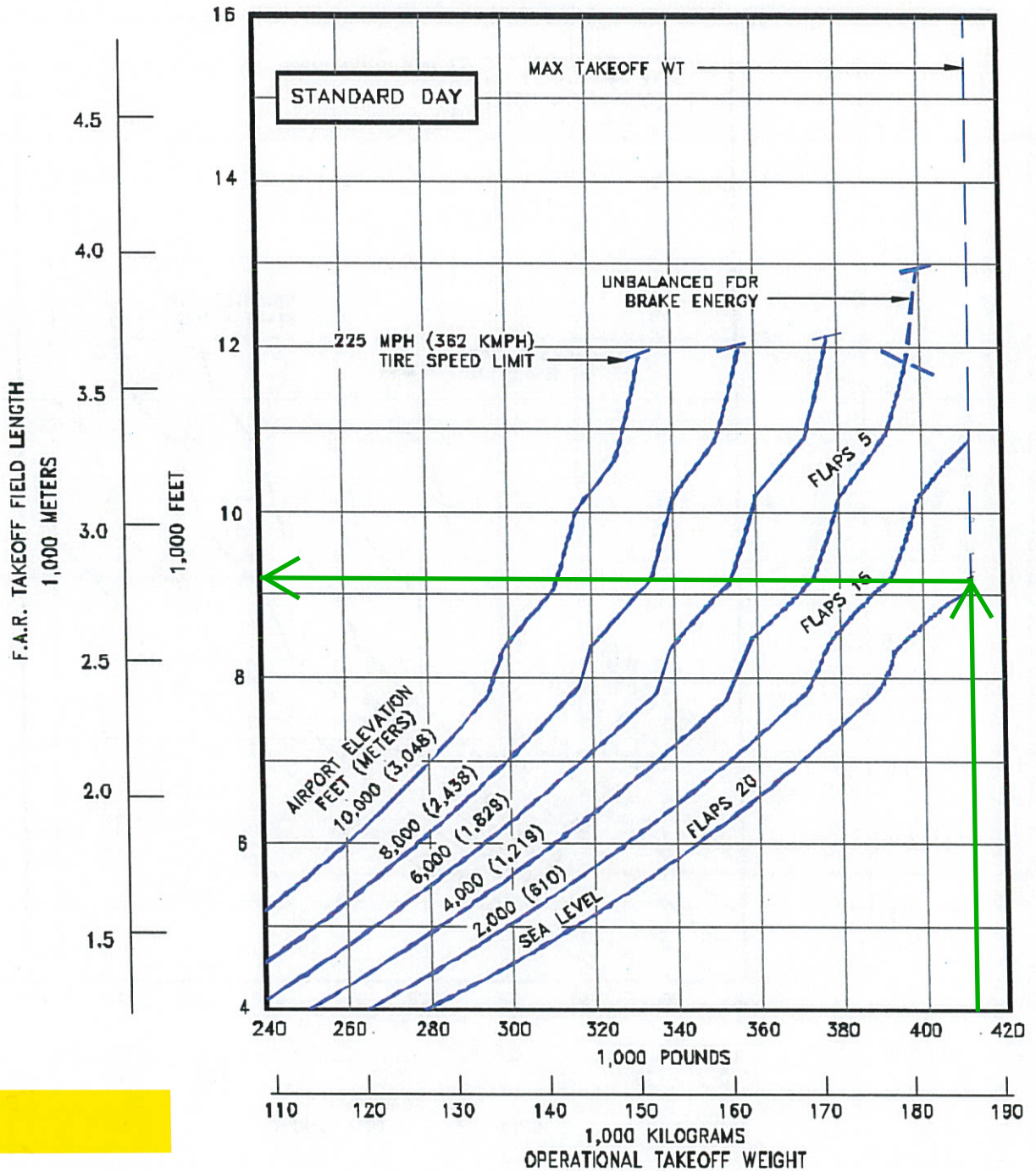
- NOTES: (1) SPEC WEIGHT FOR TYPICAL ENGINE/WEIGHT CONFIGURATION SHOWN
SEE TABLE 1.3.1 FOR COMBINATIONS AVAILABLE. CONSULT WITH AIRLINE FOR SPECIFIC WEIGHTS AND CONFIGURATIONS.
- (2) TYPICAL OPERATING EMPTY WEIGHT SHOWN. ACTUAL WEIGHT WILL
DEPEND ON SPECIFIC AIRLINE CONFIGURATION.
- (3) 767-300 FREIGHTER - SEE SEC 2.4.6 FOR PALLET DETAILS.
- (4) 767-300 GENERAL MARKET FREIGHTER - SEE SEC 2.4.6 FOR PALLET DETAILS

2.1.5 GENERAL CHARACTERISTICS

MODEL 767-300 FREIGHTER

NOTES:

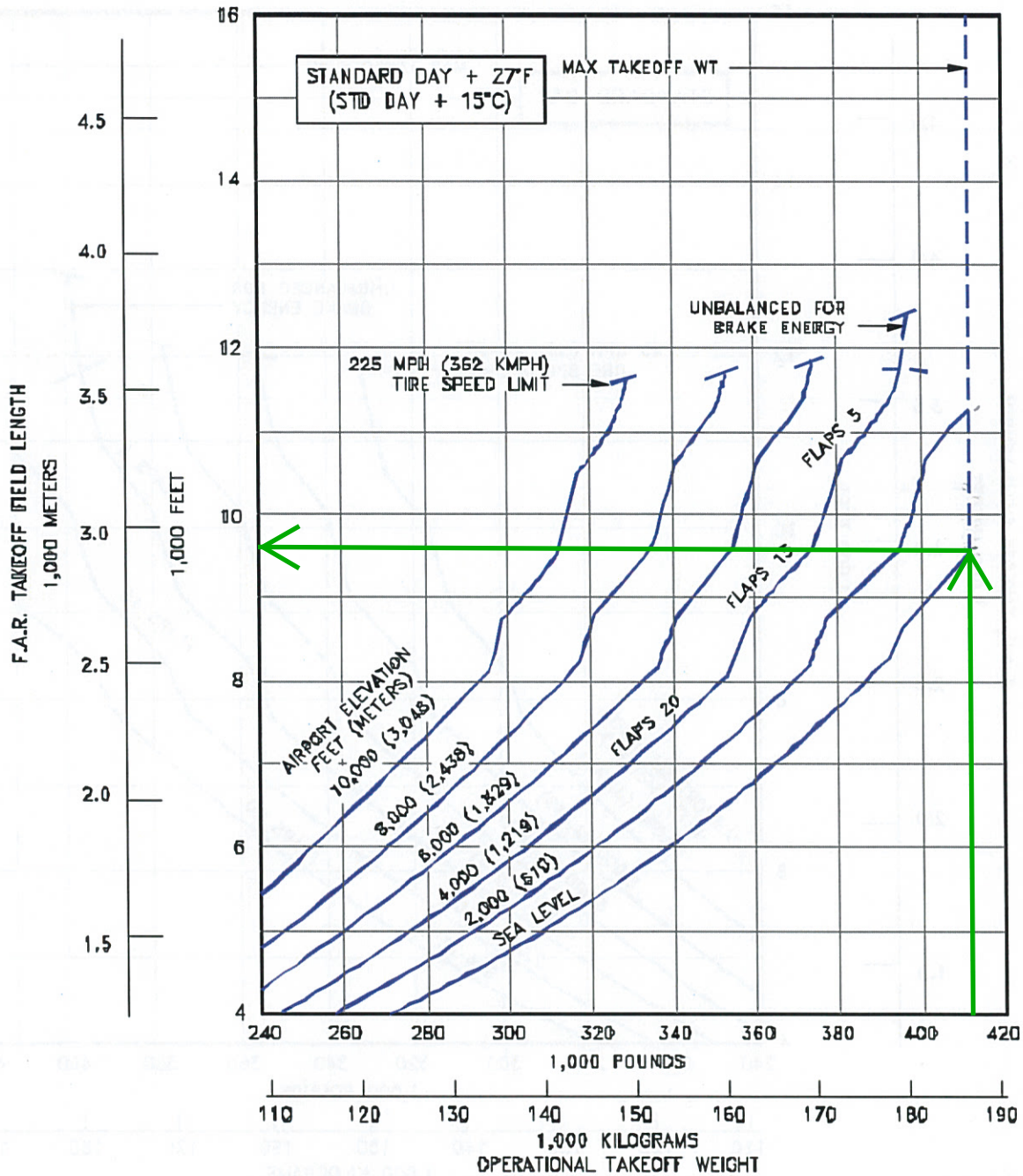
- CF6-80C2B6, PW4060, RB211-524H ENGINES
- ZERO RUNWAY GRADIENT
- ZERO WIND
- AIR CONDITIONING OFF
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN



3.3.15 F.A.R. TAKEOFF RUNWAY LENGTH REQUIREMENTS - STANDARD DAY
 MODEL 767-300ER, -300 FREIGHTER (CF6-80C2B64, PW4060, RB211-524H ENGINES)

NOTES:

- CF6-80C2B6, PW4060, RB211-524H ENGINES
- ZERO RUNWAY GRADIENT
- ZERO WIND
- AIR CONDITIONING OFF
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN



3.3.16 F.A.R. TAKEOFF RUNWAY LENGTH REQUIREMENTS

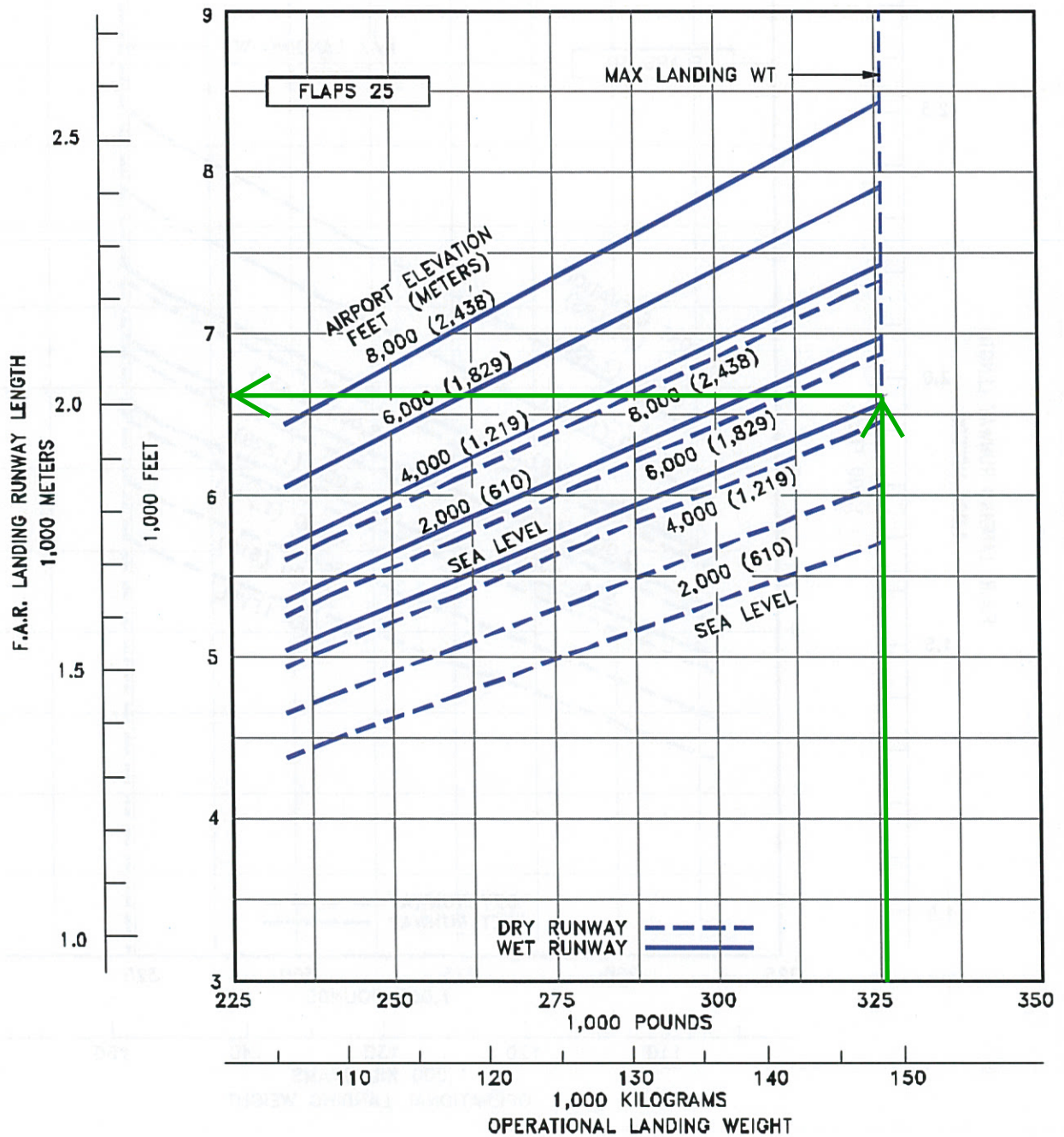
STANDARD DAY + 27°F (STD + 15°C)

MODEL 767-300ER, -300 FREIGHTER (CF6-80C2B6, PW4060, RB211-524H ENGINES)

D6-58328

NOTES:

- NO REVERSE THRUST
- ANTI-SKID ON
- AUTO SPEED BRAKES
- ZERO WIND, ZERO RUNWAY SLOPE
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN



3.4.7 FAA LANDING RUNWAY LENGTH REQUIREMENTS - FLAPS 25
 MODEL 767-300 FREIGHTER