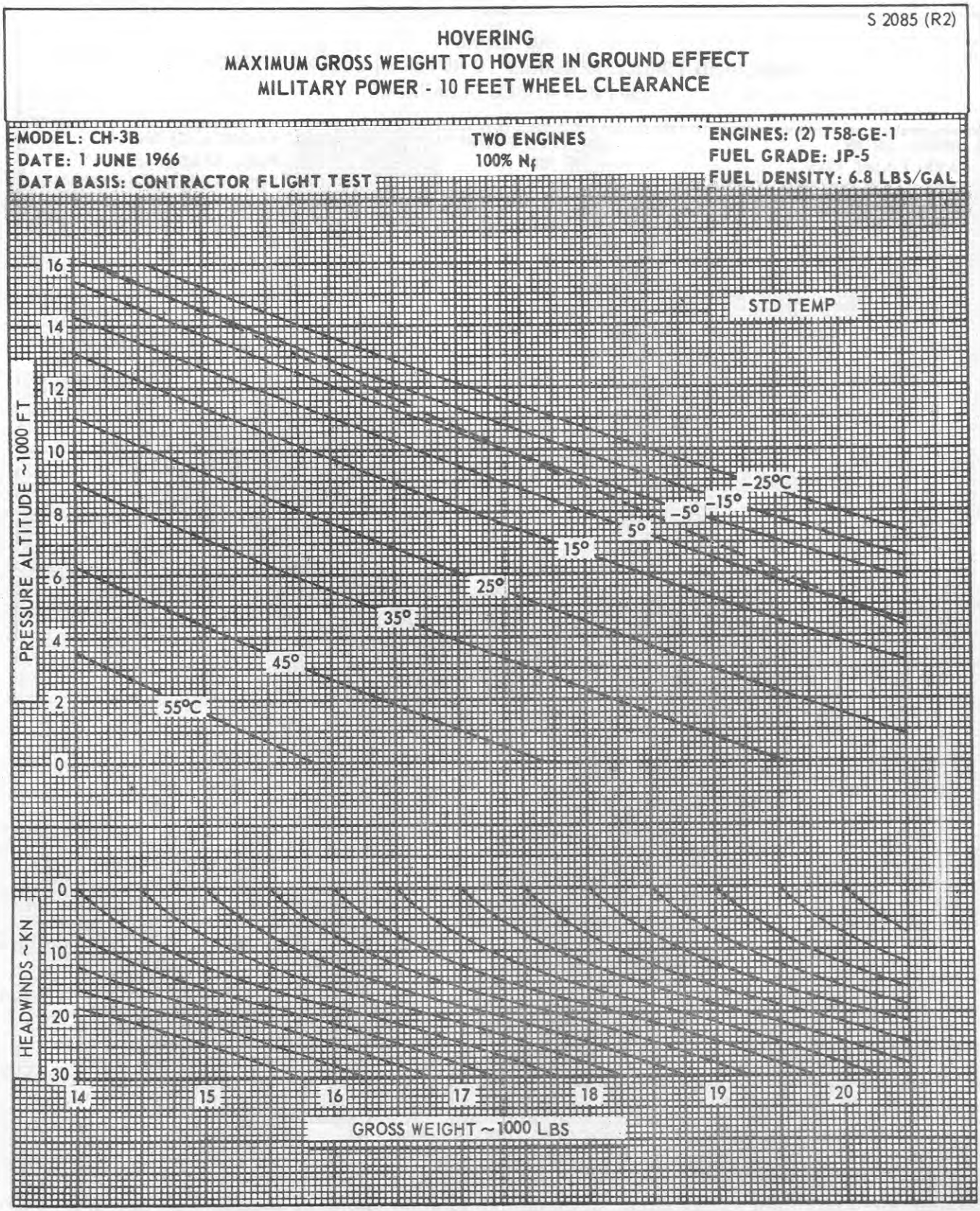

Figure A-14. Hovering - Maximum Gross Weight to Hover in Ground Effect - Military Power - 10 Feet Wheel Clearance

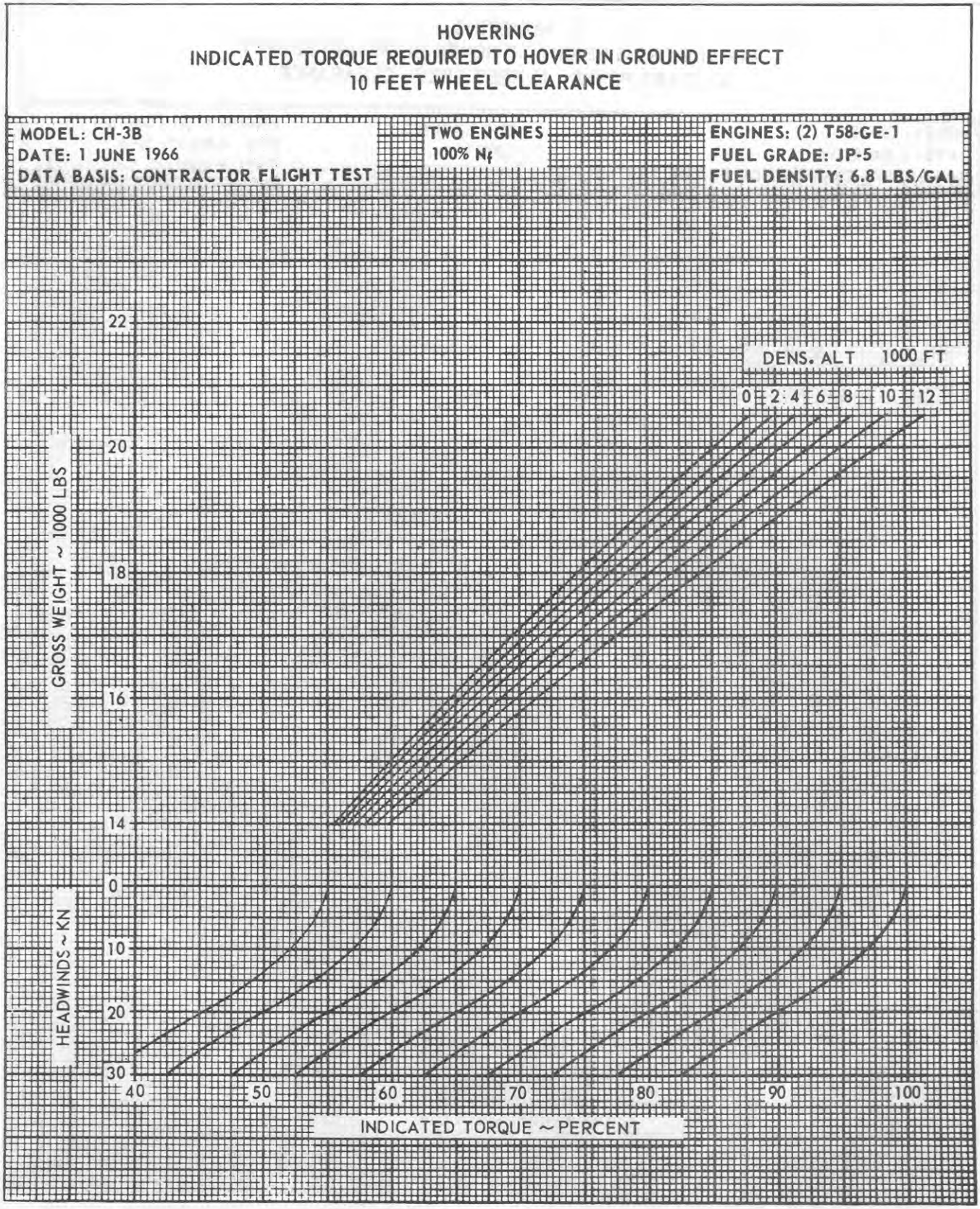

Figure A-15. Hovering - Indicated Torque Required to Hover in Ground Effect - 10 Feet Wheel Clearance

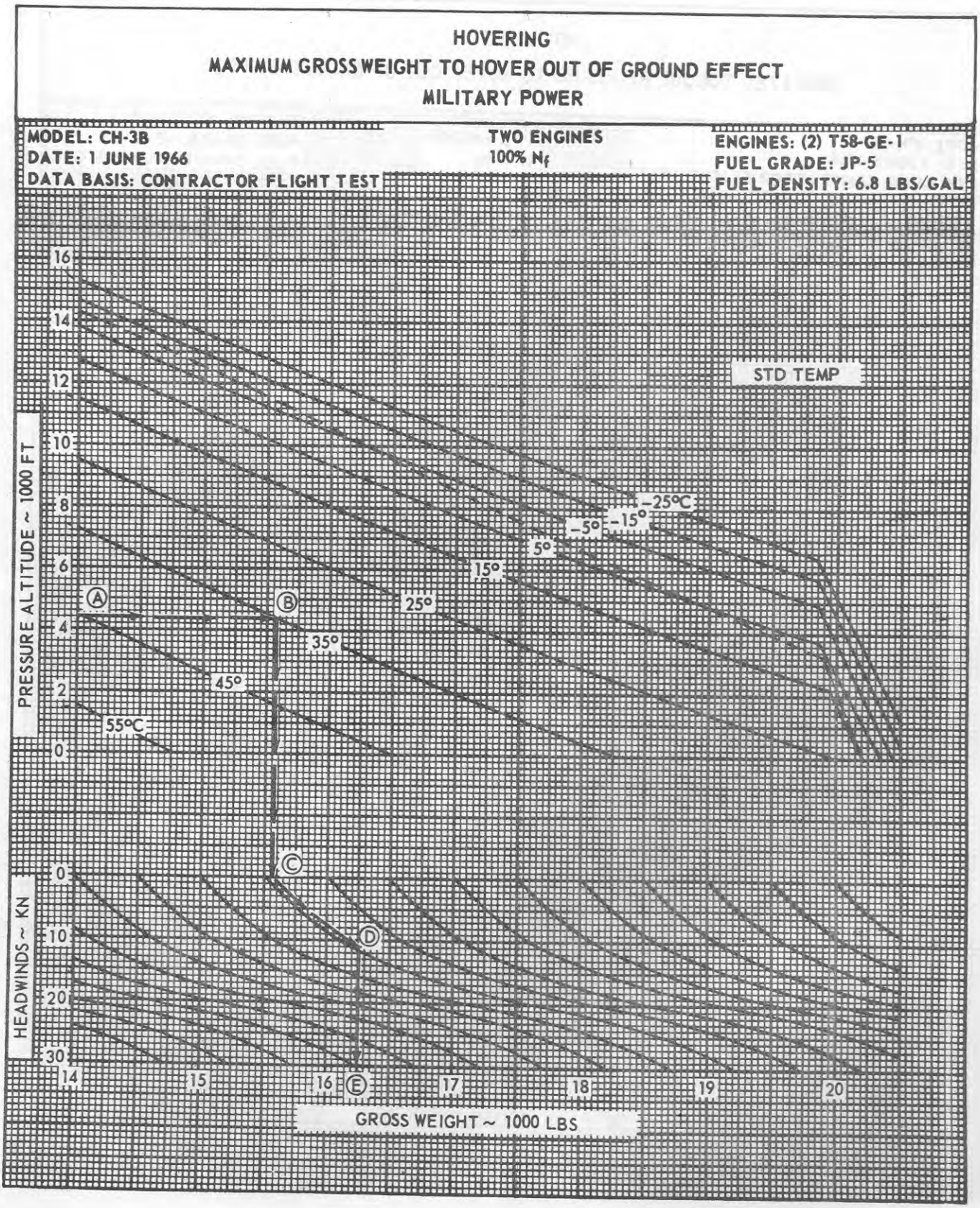

Figure A-16. Hovering - Maximum Gross Weight to Hover Out of Ground Effect

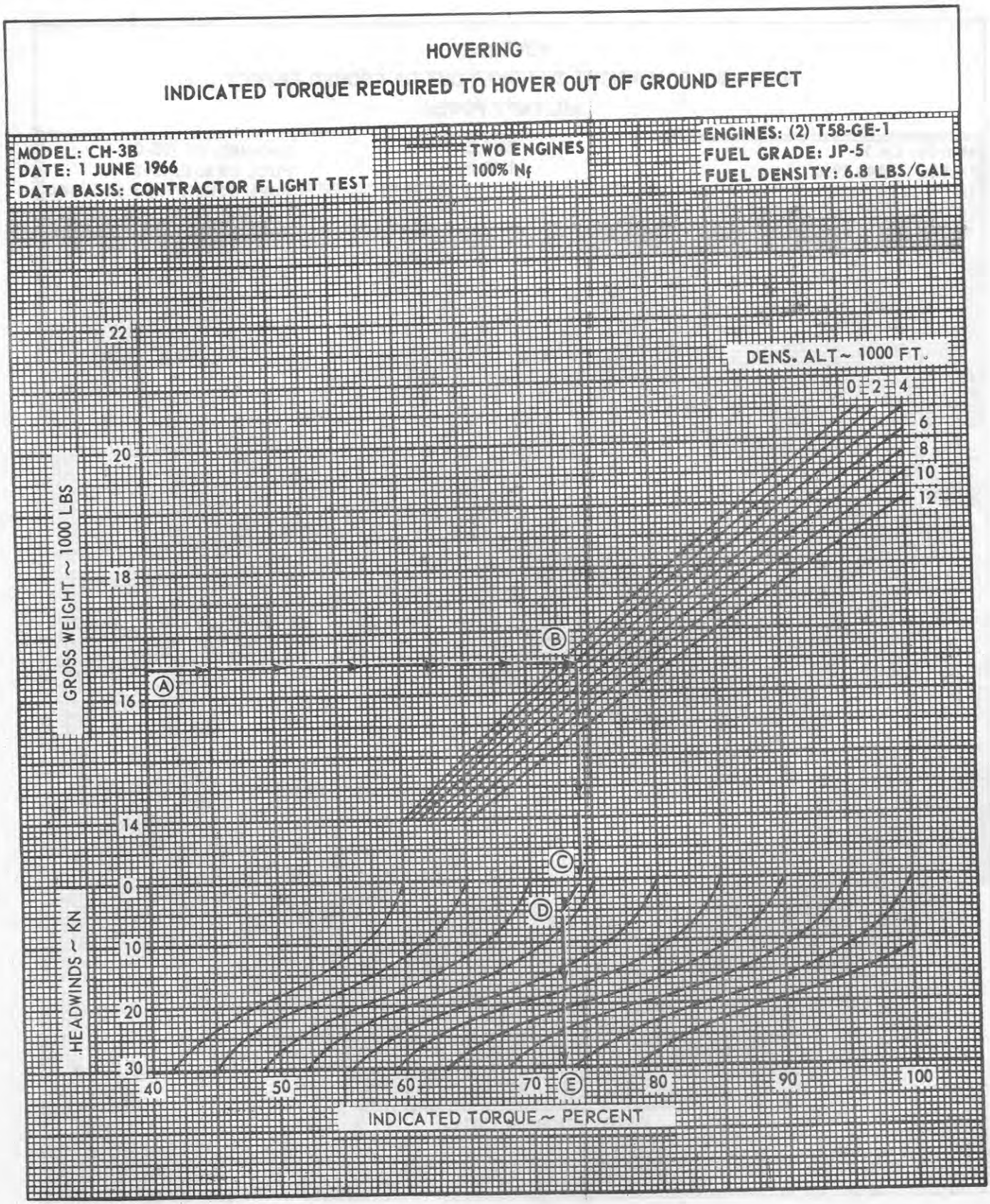

Figure A-17. Hovering - Indicated Torque Required to Hover Out of Ground Effect

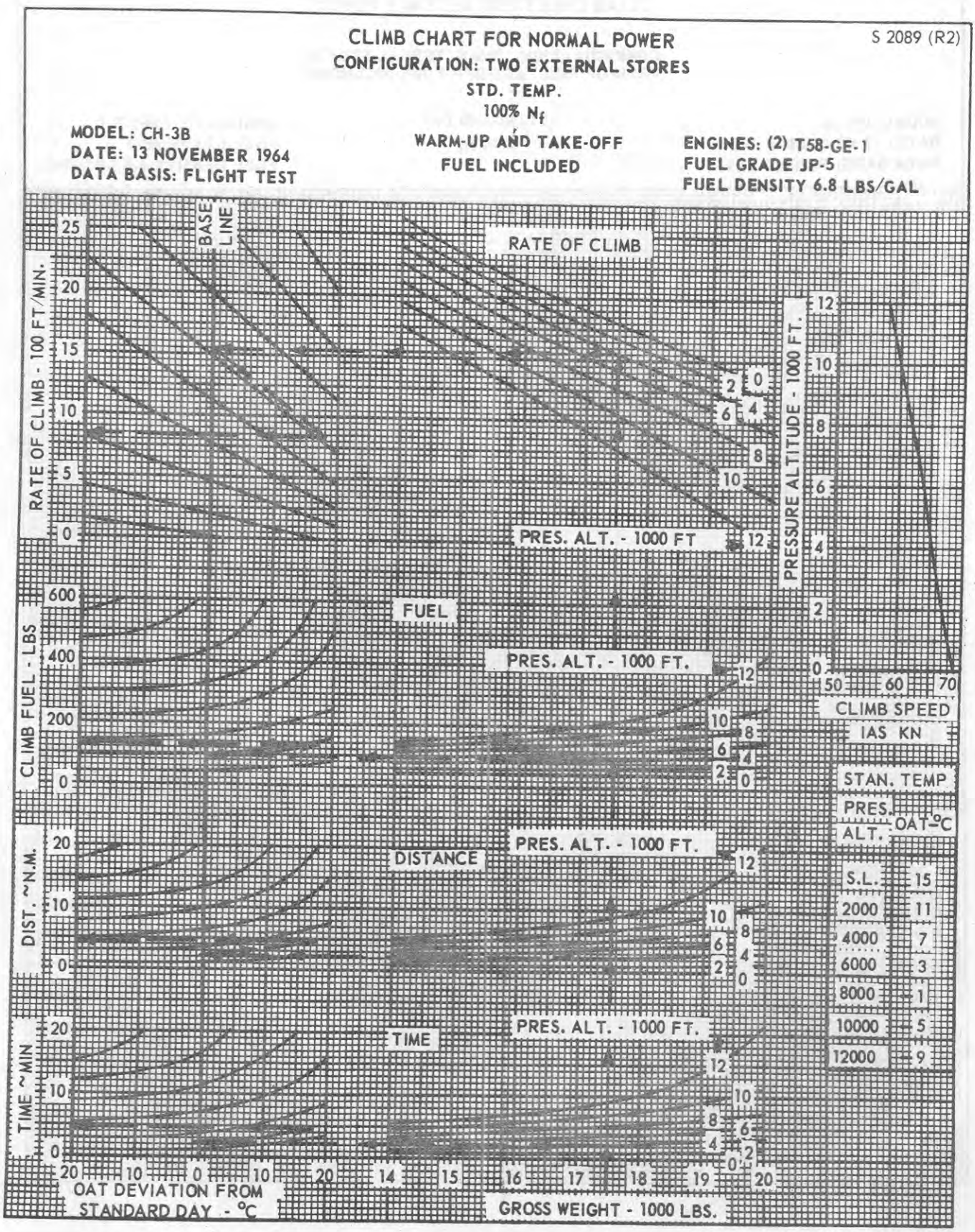

Figure A-18. Climb Chart for Normal Power

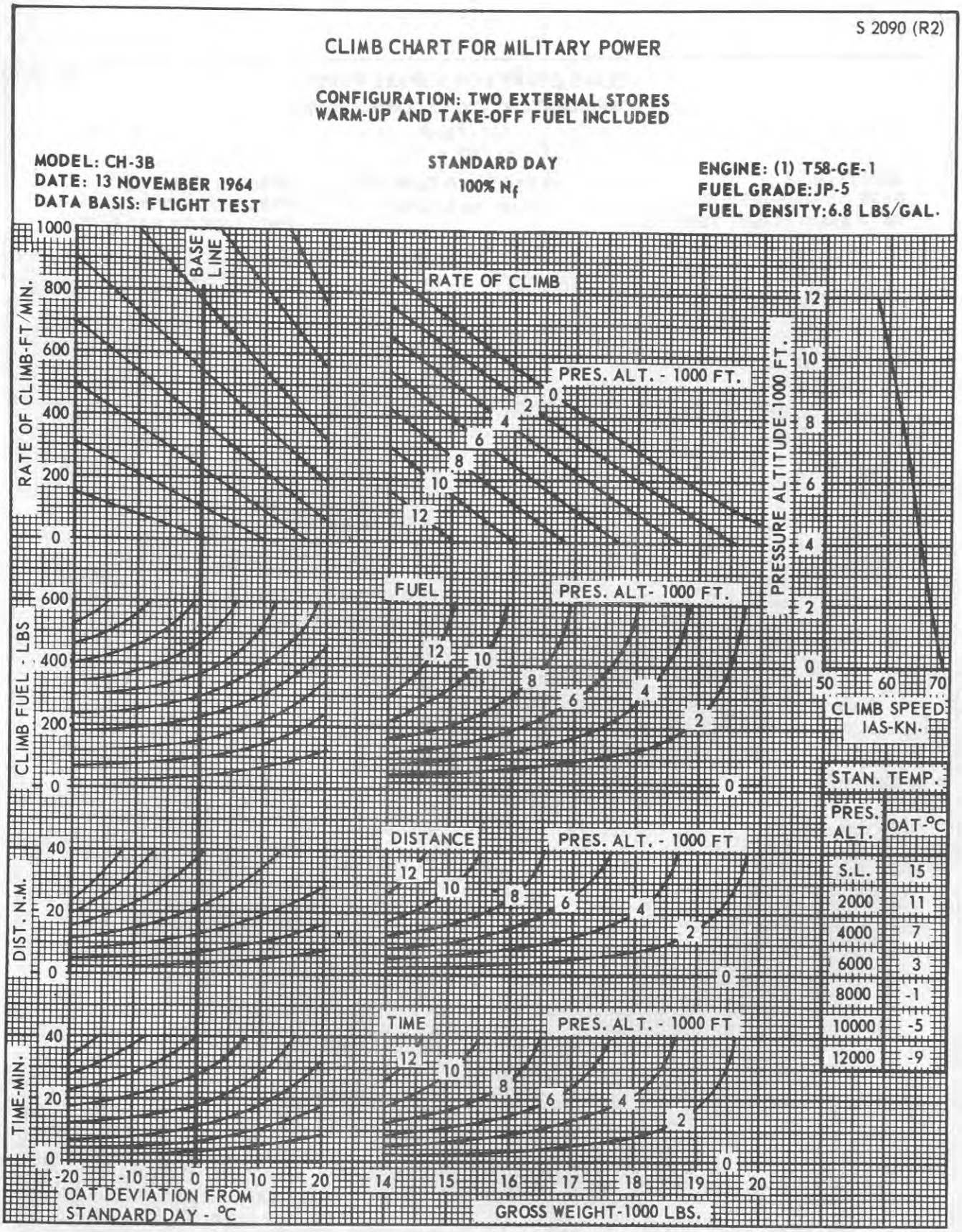

Figure A-19. Climb Chart for Military Power - Single Engine

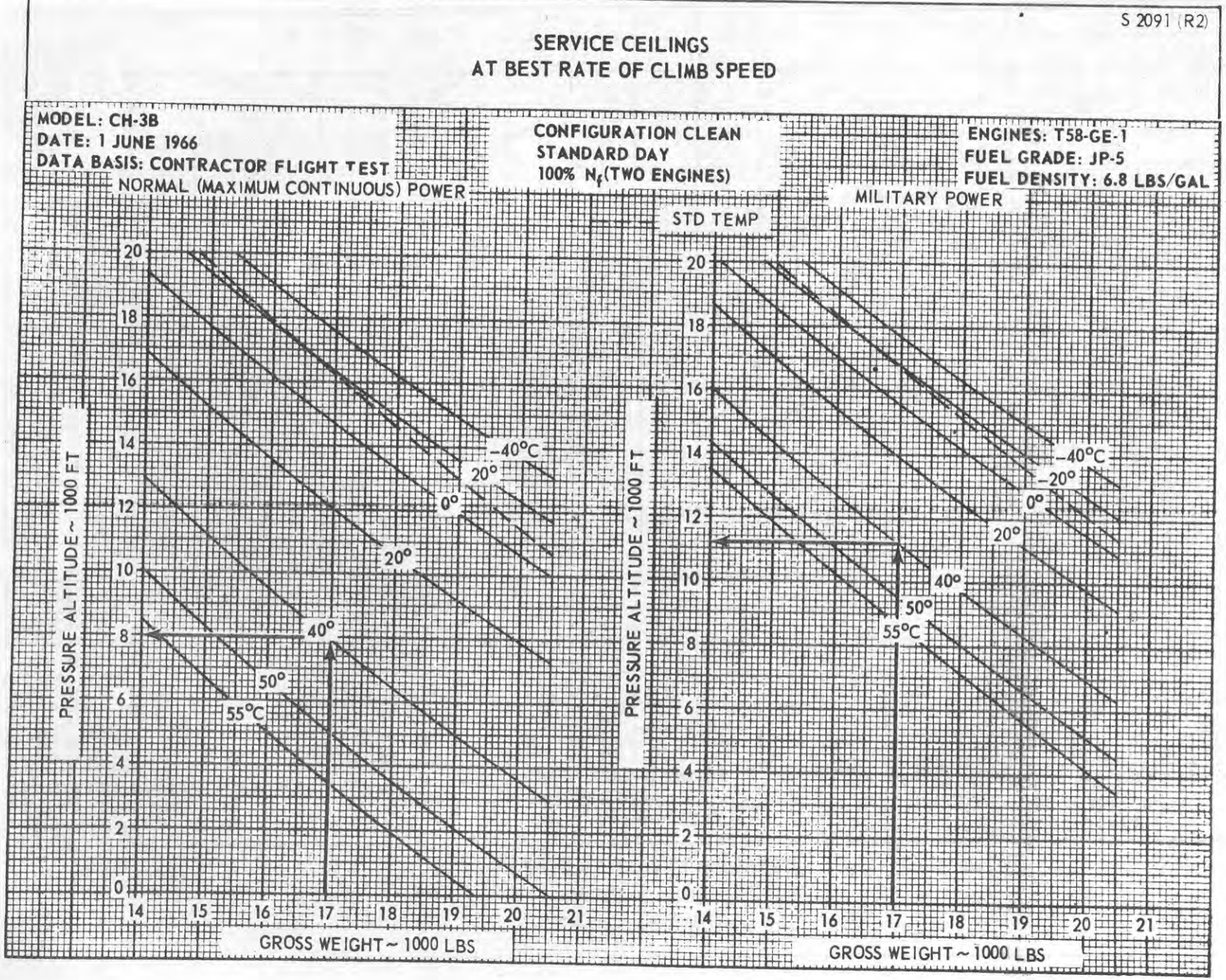

Figure A-20. Service Ceiling at Best Rate-of-Climb Speed - Two Engines

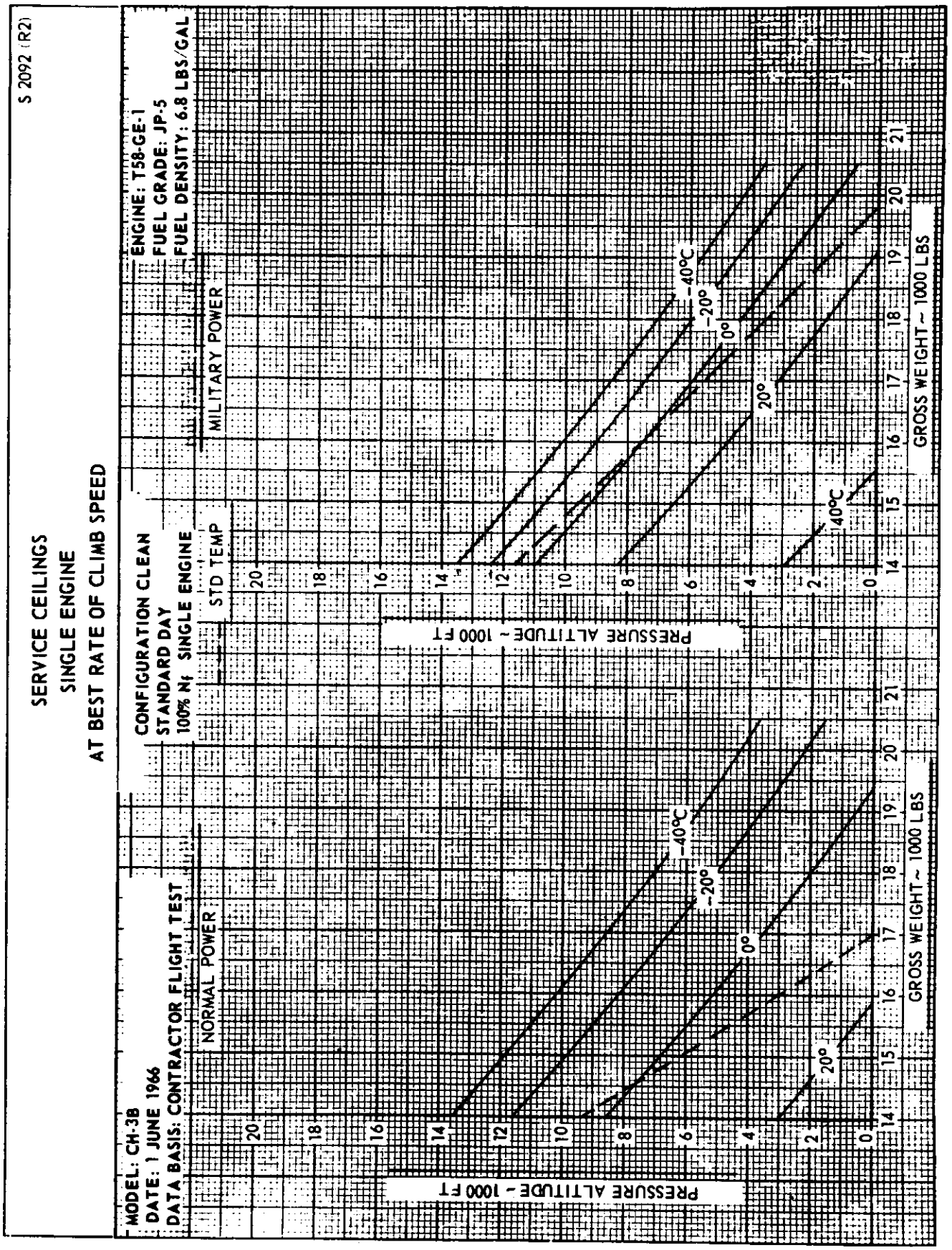

Figure A-21. Service Ceiling at Best Rate-of-Climb Speed - Single Engine

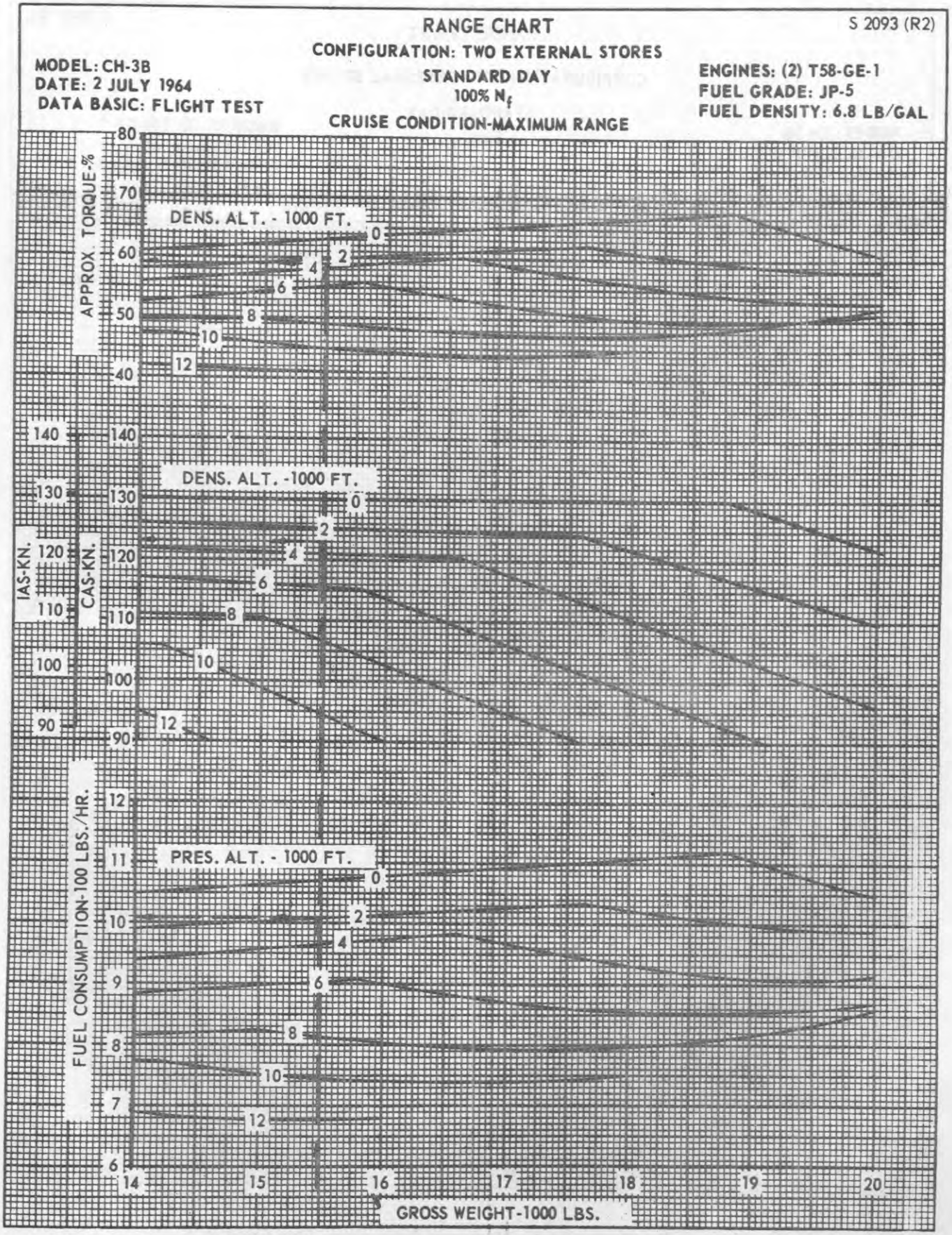

Figure A-22. Range Chart - Maximum Range - Two Engines

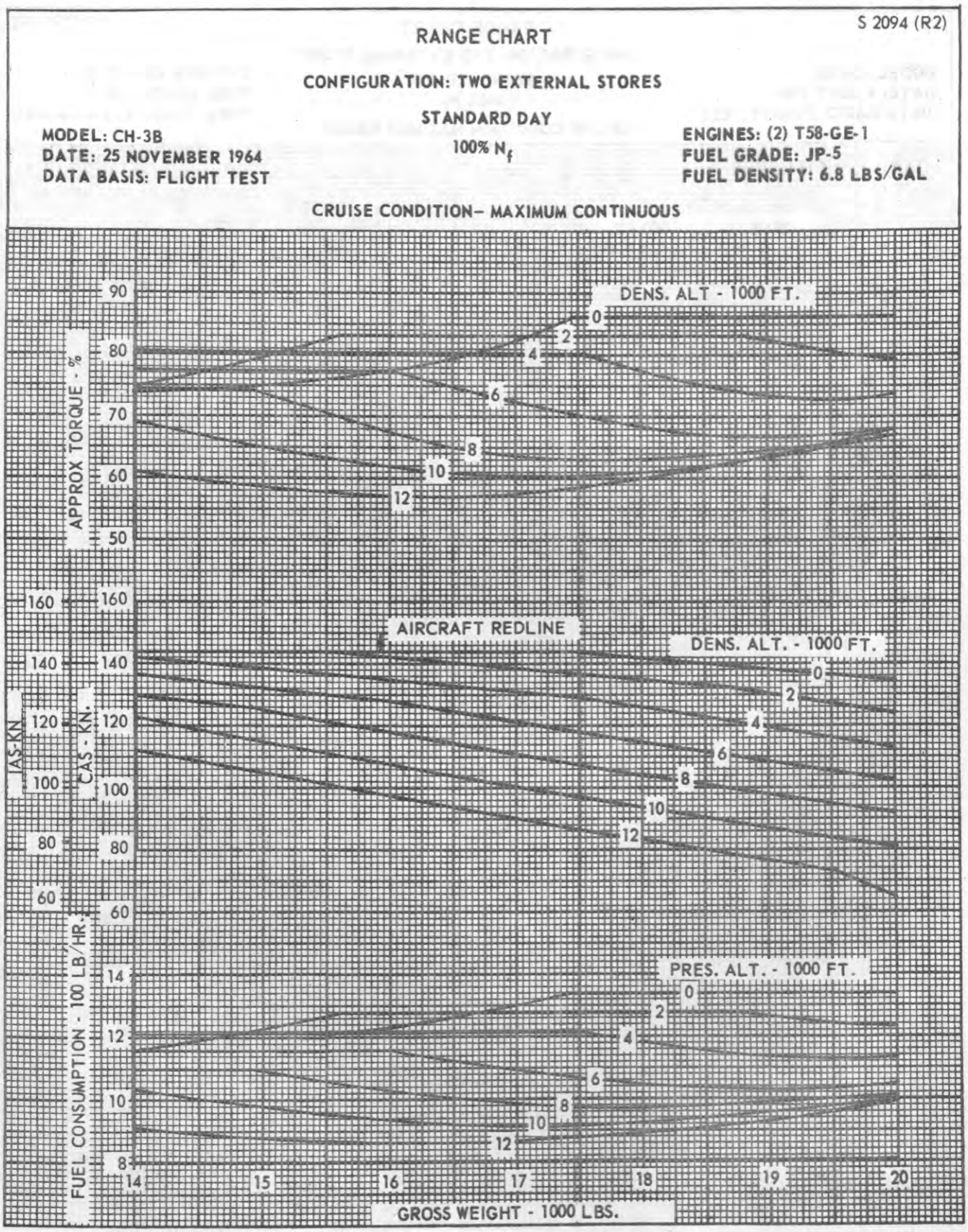

Figure A-23. Range Chart - Maximum Continuous - Two Engines

S 2095 (R2)

RANGE CHART
SINGLE ENGINE
CONFIGURATION: TWO EXTERNAL STORES

MODEL: CH-3B
DATE: 25 NOVEMBER 1964
DATA BASIS: FLIGHT TEST

STANDARD DAY
100% N_f

ENGINE: (1) T58-GE-1
FUEL GRADE: JP-5
FUEL DENSITY: 6.8 LBS/GAL

CRUISE CONDITION–MAXIMUM RANGE AND MAXIMUM CONTINUOUS

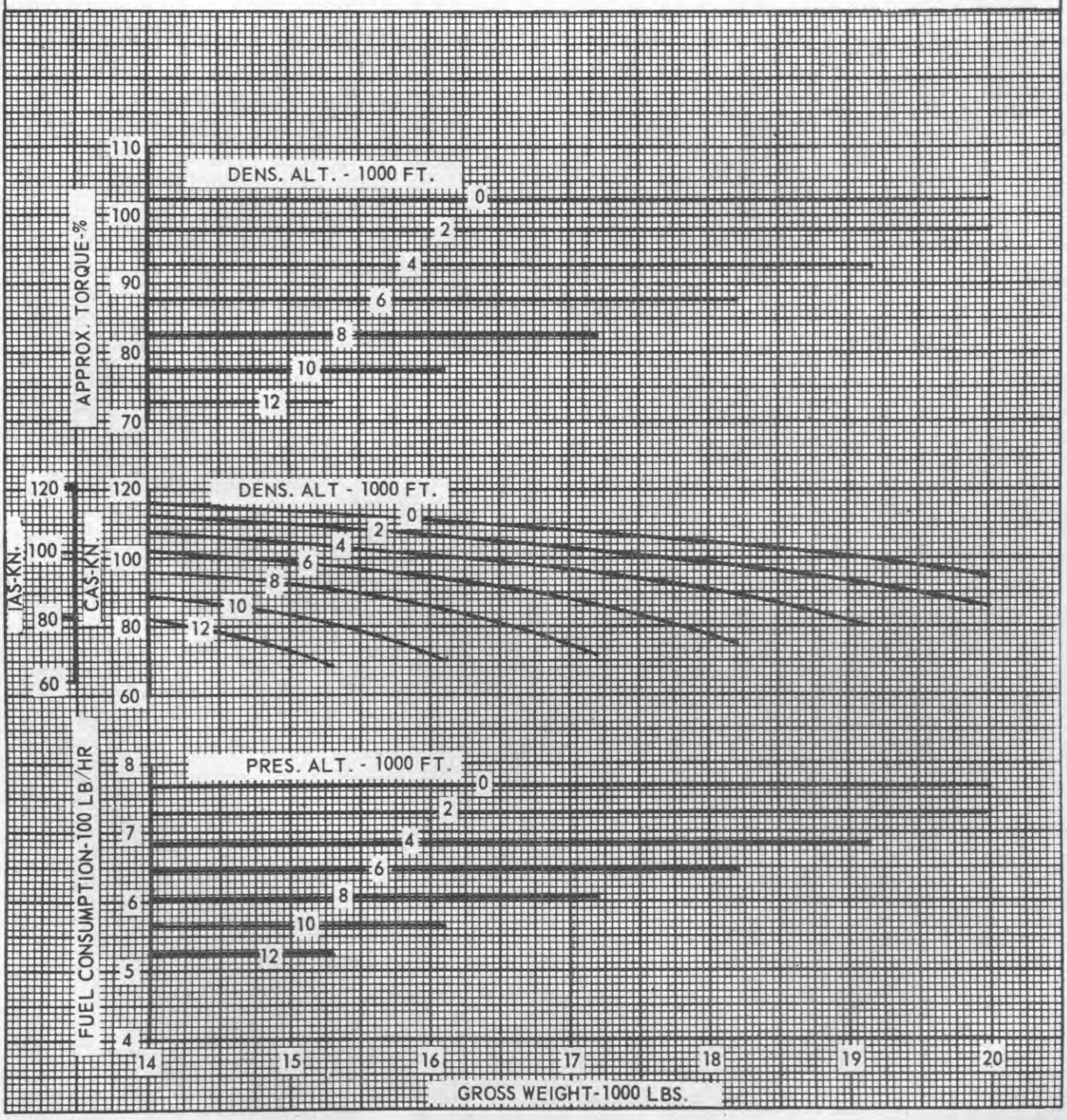

Figure A-24. Range Chart - Maximum Range and Maximum Continuous - Single Engine

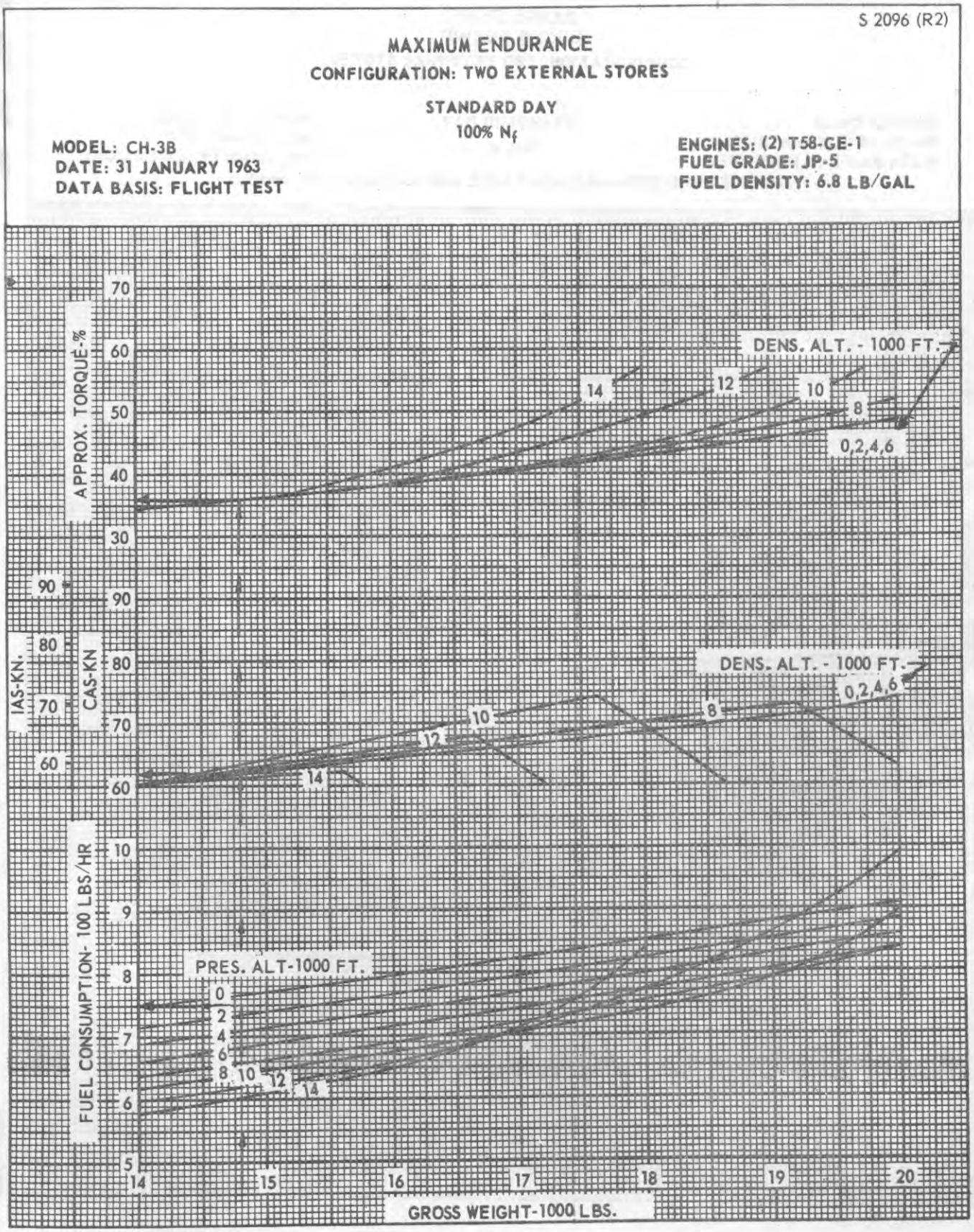

Figure A-25. Maximum Endurance - Two Engines

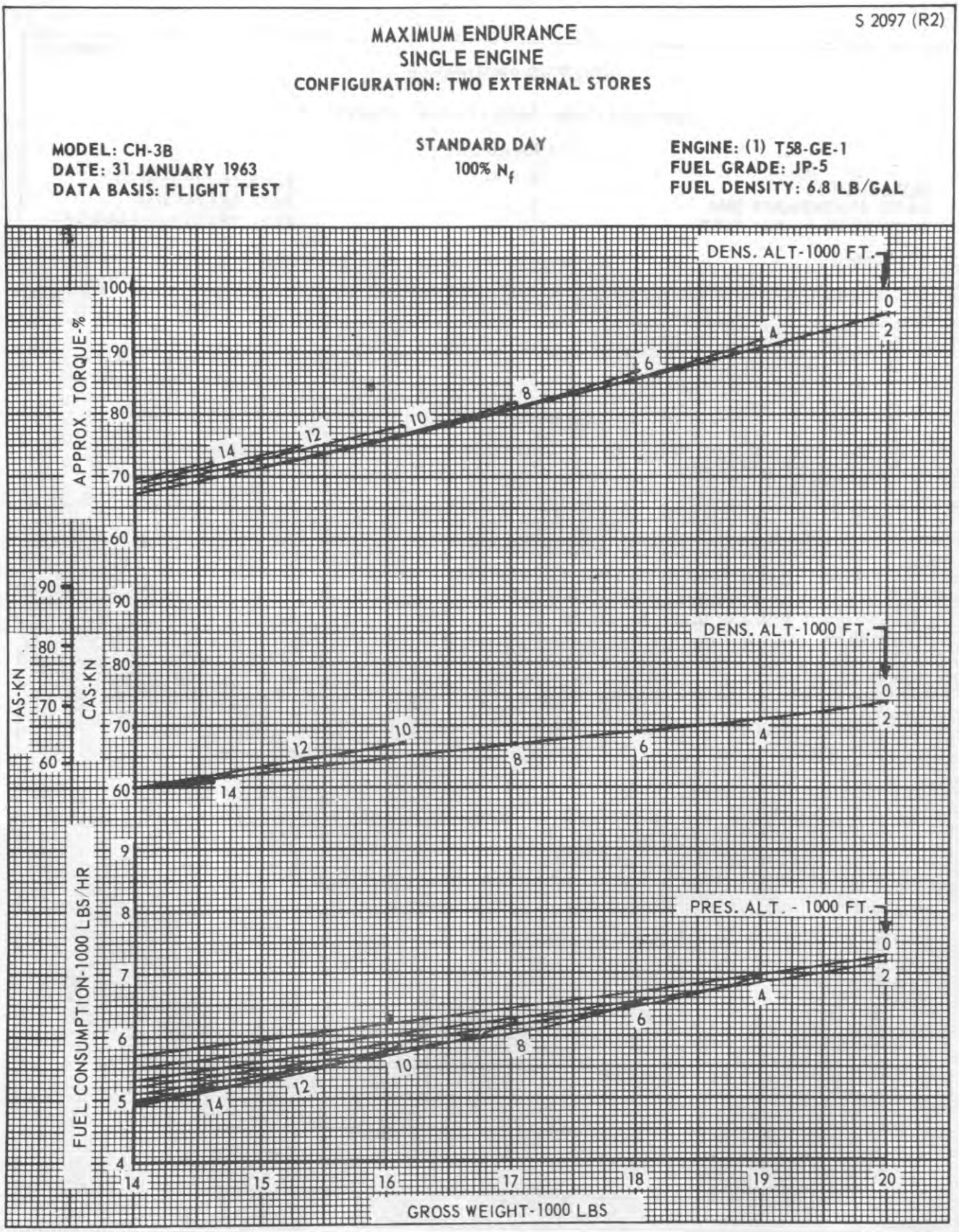

Figure A-26. Maximum Endurance - Single Engine

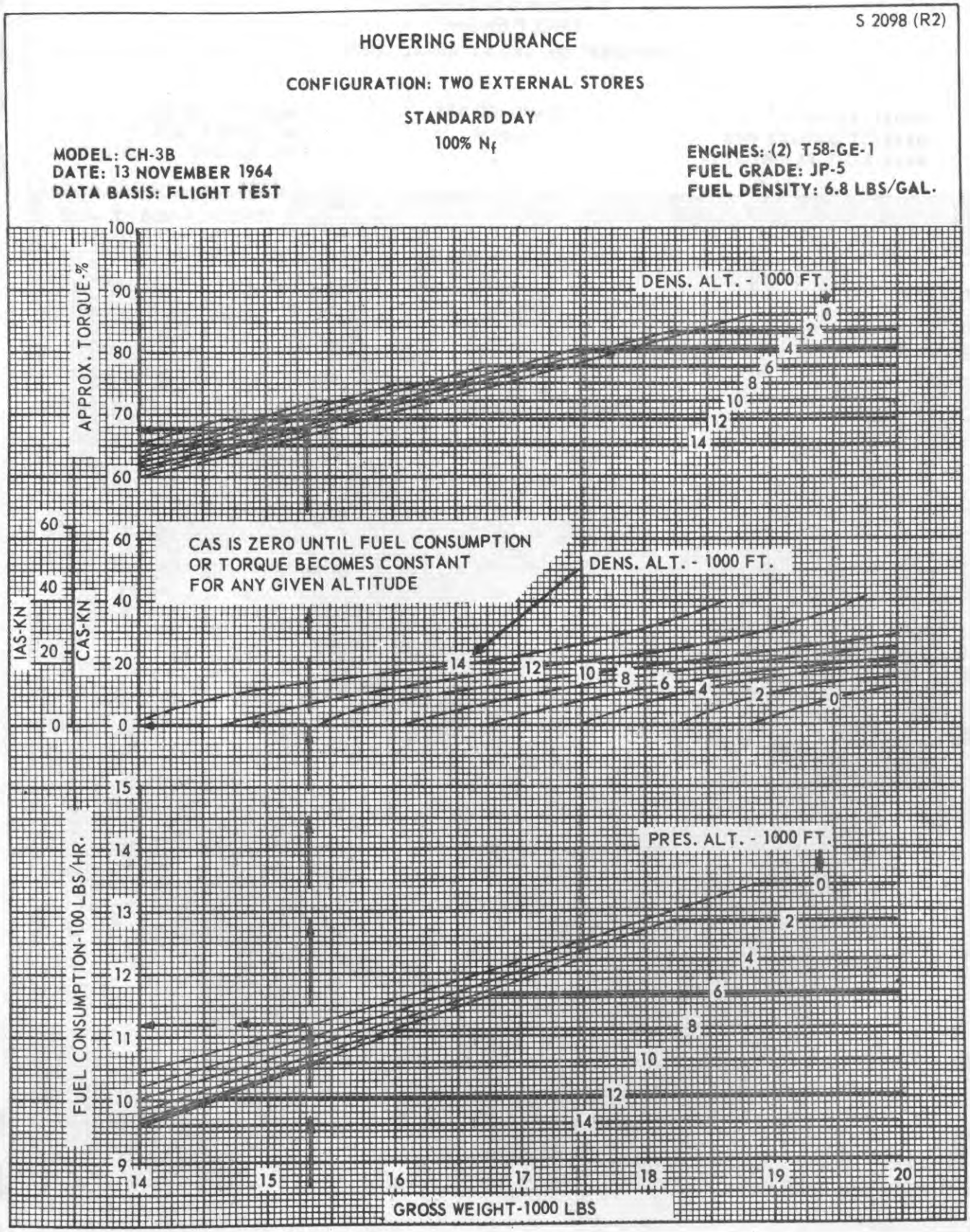

Figure A-27. Hovering Endurance - Two Engines

TOTAL LANDING DISTANCE TO CLEAR 50 FOOT OBSTACLE

S 2099 (R2)

MODEL: CH-3B
DATE: 31 JANUARY 1963
DATA BASIS: ESTIMATED

POWER — OFF
FIRM DRY SOD
NO GRADIENT
WHEEL BRAKES ON

ENGINES: (2) T-58GE-1
FUEL GRADE: JP-5
FUEL DENSITY: 6.8 LB/GAL

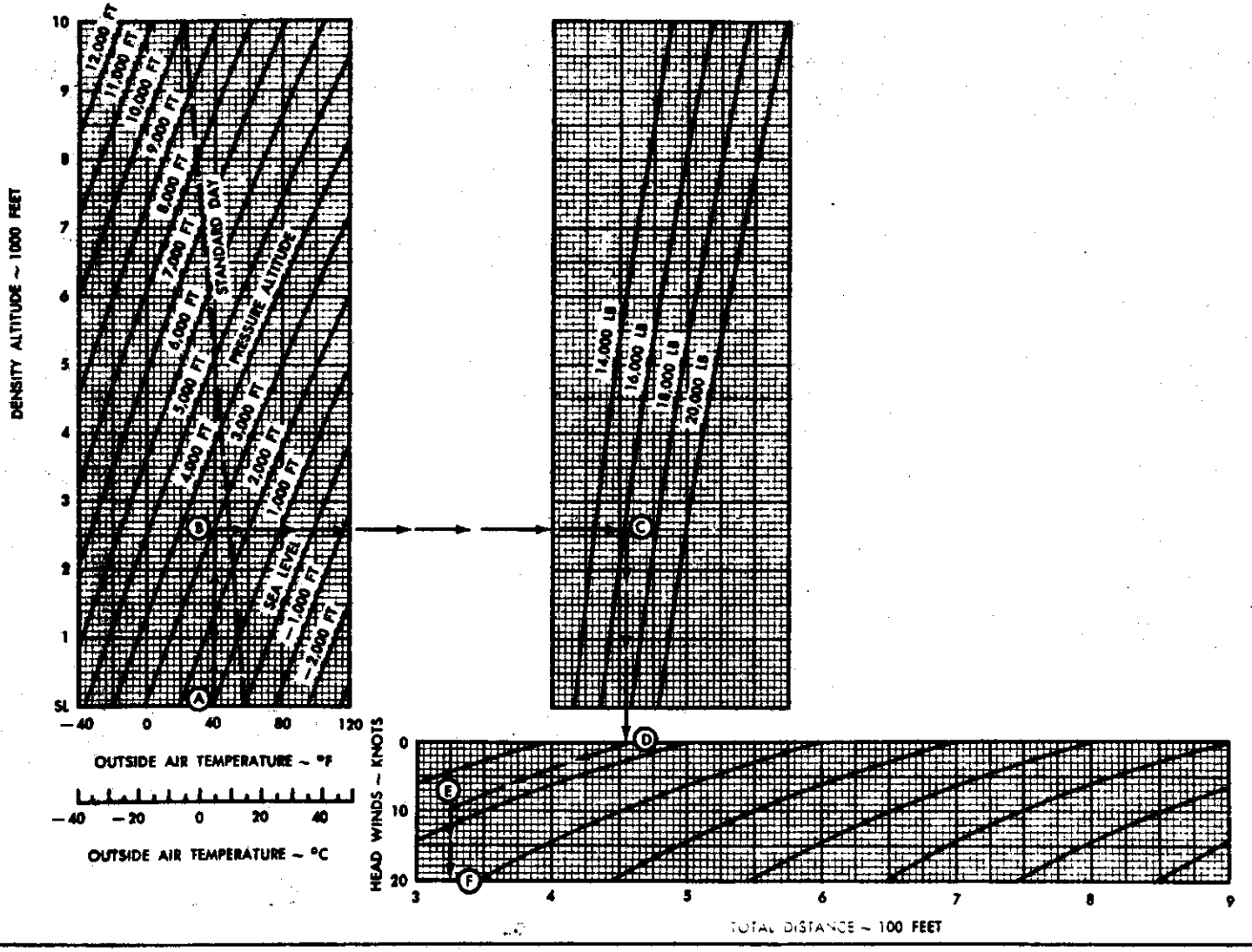

Figure A-28. Total Landing Distance to Clear 50 Foot Obstacle

LANDING DISTANCE – GROUND ROLL

S 2100 (R2)

MODEL: CH-3B
DATE: 31 JANUARY 1963
DATA BASIS: ESTIMATED

POWER – OFF
FIRM DRY SOD

NO GRADIENT
WHEEL BRAKES ON

ENGINES: (2) T-58GE-1
FUEL GRADE: JP-5
FUEL DENSITY: 6.8 LB/GAL

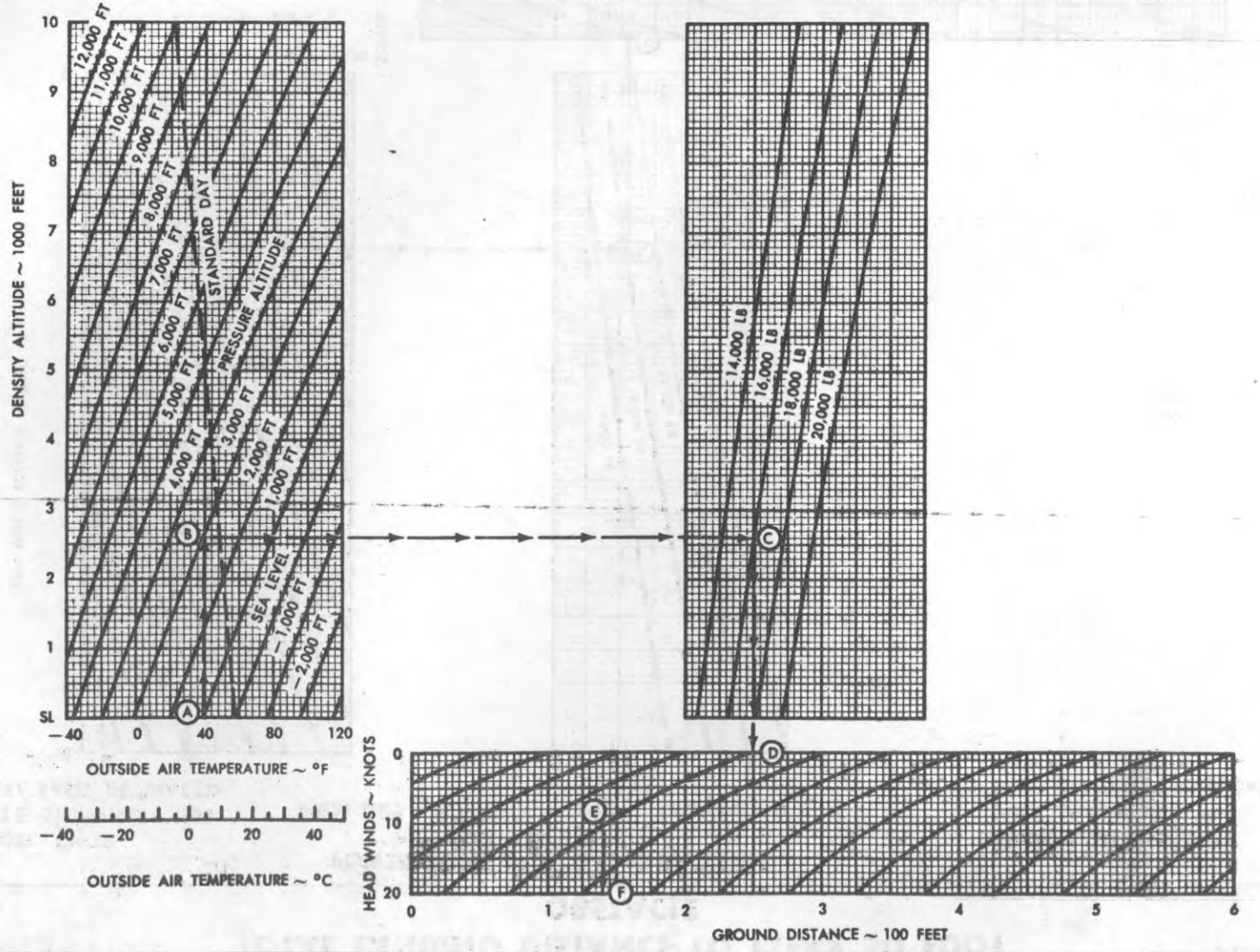

Figure A-29. Landing Distance - Ground Roll

ALPHABETICAL INDEX

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