DOUGLAS DC-7B

WRIGHT 972 TC 18 DA2 ENGINE
972 TC 18 DA4
988 TC 18 EA1
988 TC 18 EA4

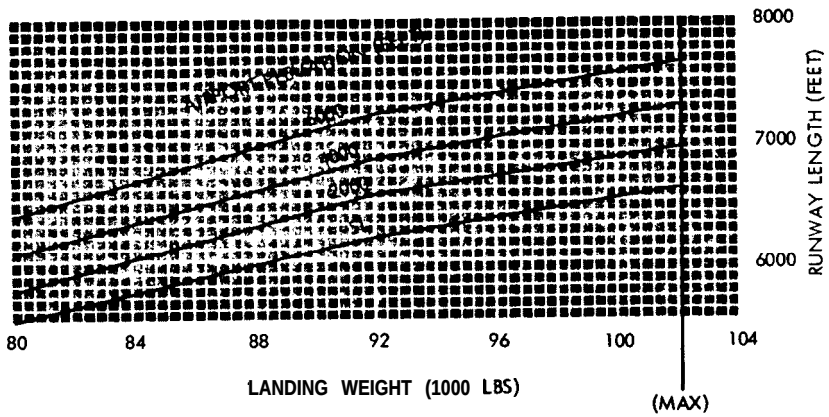


FIGURE 13. Aircraft **Performance** Curve, Landing (Douglas DC-7B)

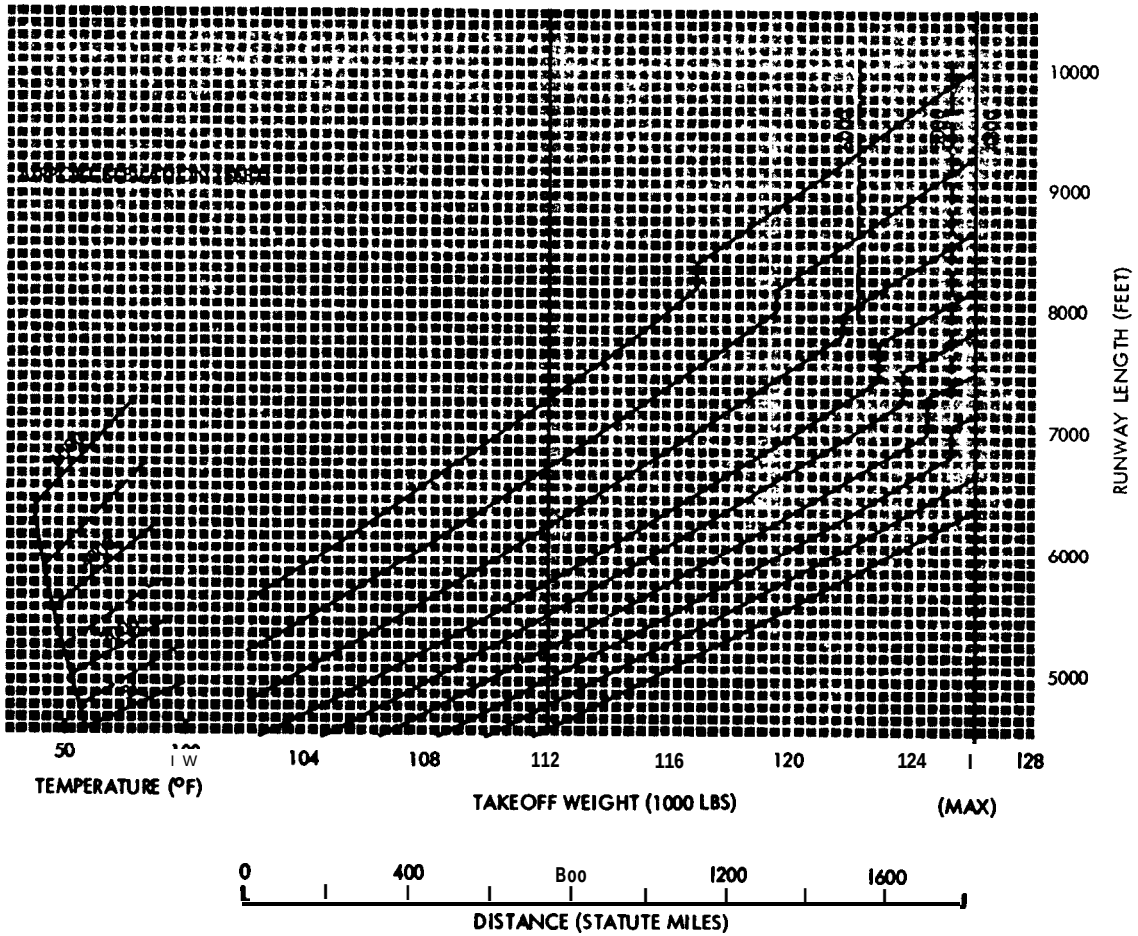
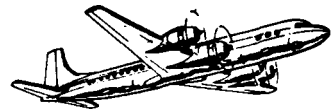


FIGURE 14. Aircraft Performance Curve, Takeoff (Douglas **DC-7B)**



DOUGLAS DC-7C

WRIGHT R3350 ENGINE

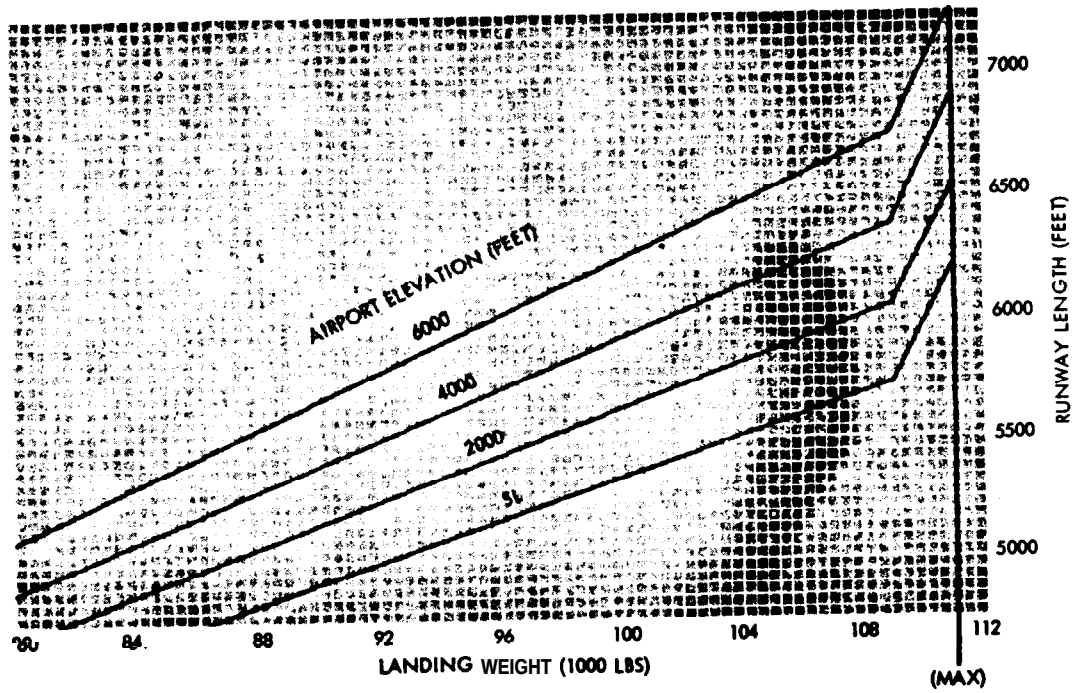


FIGURE 15. Aircraft performance Curve, Landing (Douglas DC-7C)

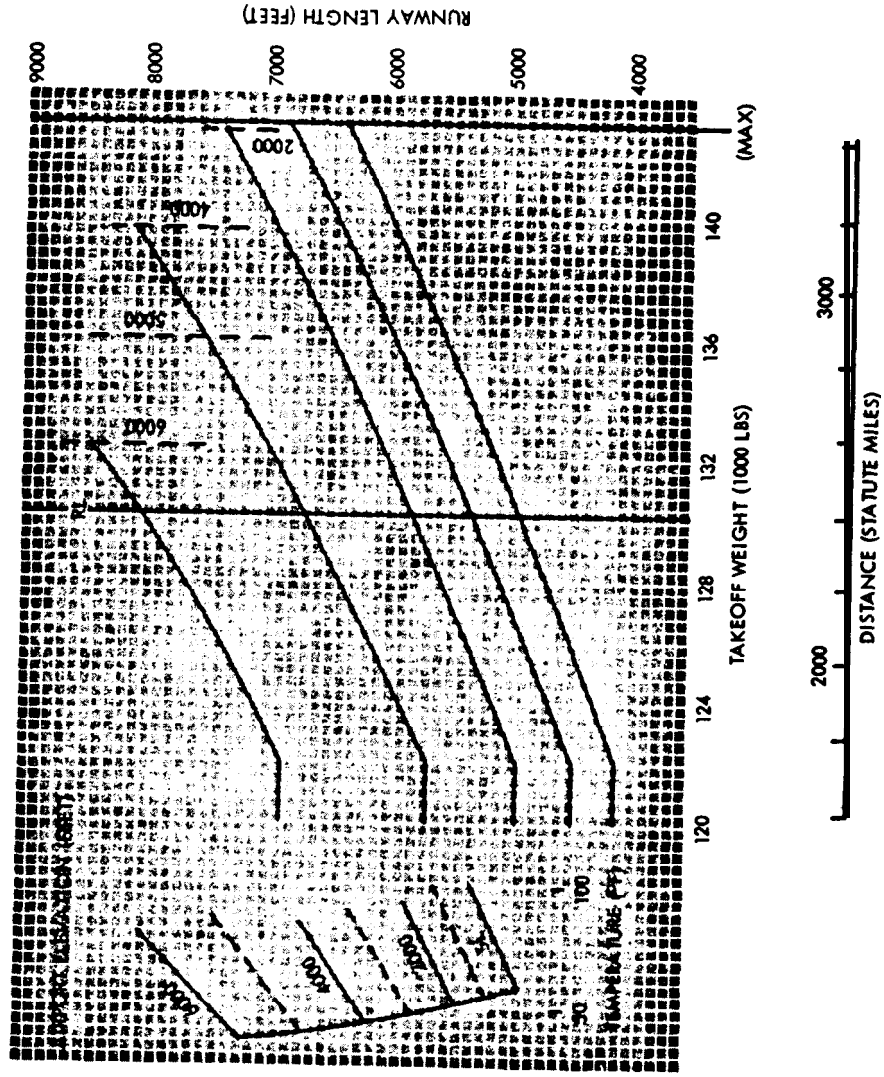


FIGURE 16. Aircraft Performance Curve, Takeoff (Dougl[3] DC-7C)

LOCKHEED 49 SERIES & 149

WRIGHT 745 C 18 BA3 ENGINE

MODEL	MAX WEIGHT (1000 LBS
49	75.0
49A	77.0
49B	77.0
49c	83.0
49D	03.0
49E	84.5
149	83.0

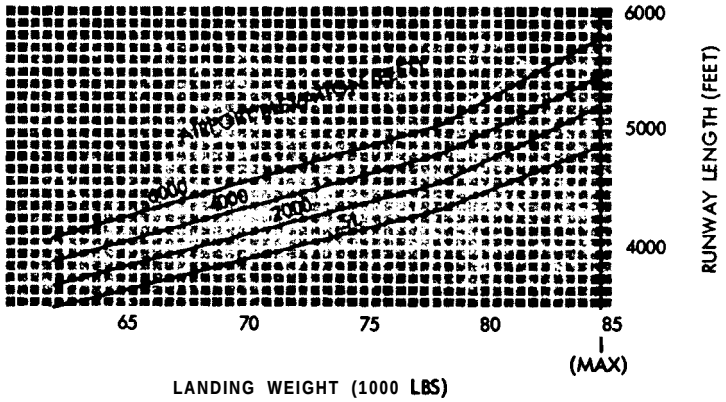
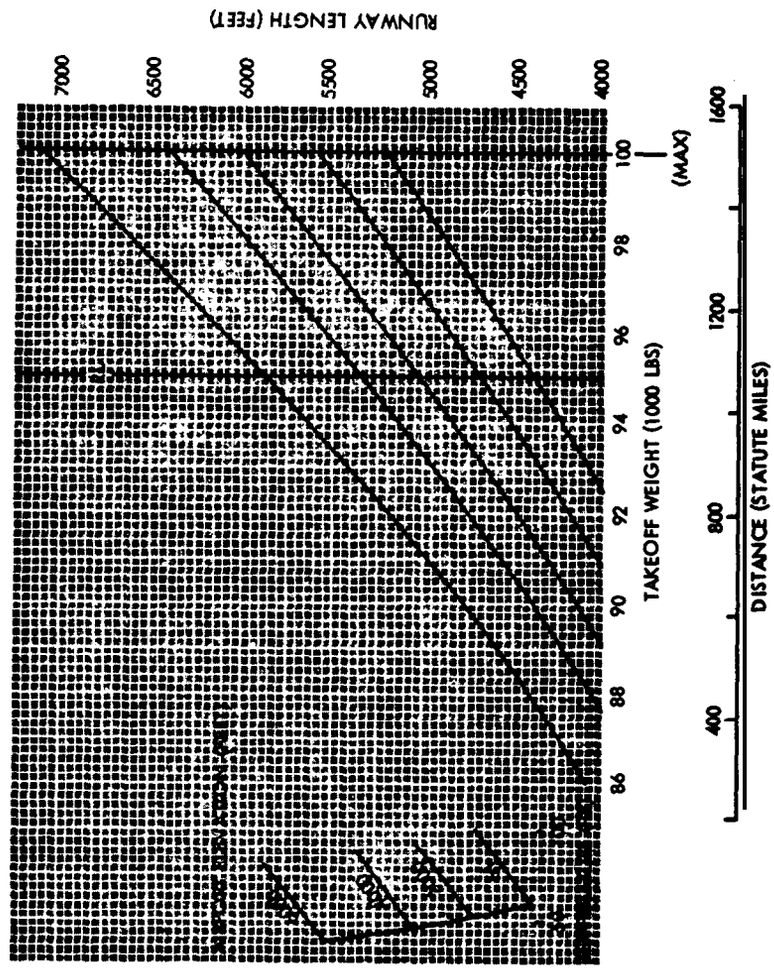


FIGURE 17. Aircraft Performance Curve, Landing (Lockheed 49 Series & 149)



MODEL	MAX WEIGHT (1000 LBS)
49	86.3
49A	90.0
49B	93.0
49C	93.0
49D	96.0
49E	98.0
149	100.0

FIGURE 18. Aircraft Performance Curve, Takeoff Lockheed 49 Series & 149)

LOCKHEED 649 & 749

WRIGHT 749 C 18 BD1 ENGINE

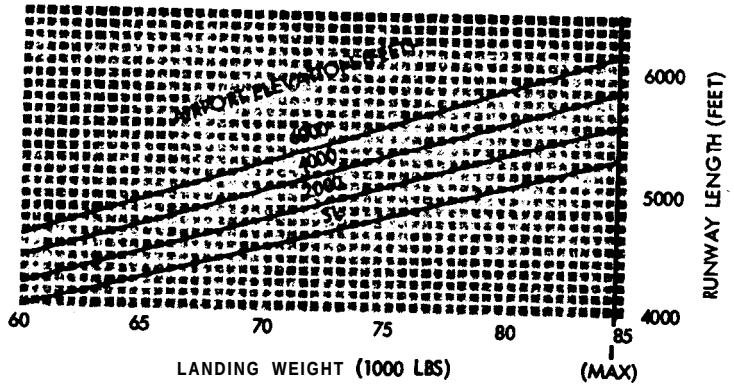


FIGURE 19. Aircraft Performance Curve, Landing (Lockheed 649 & 749)

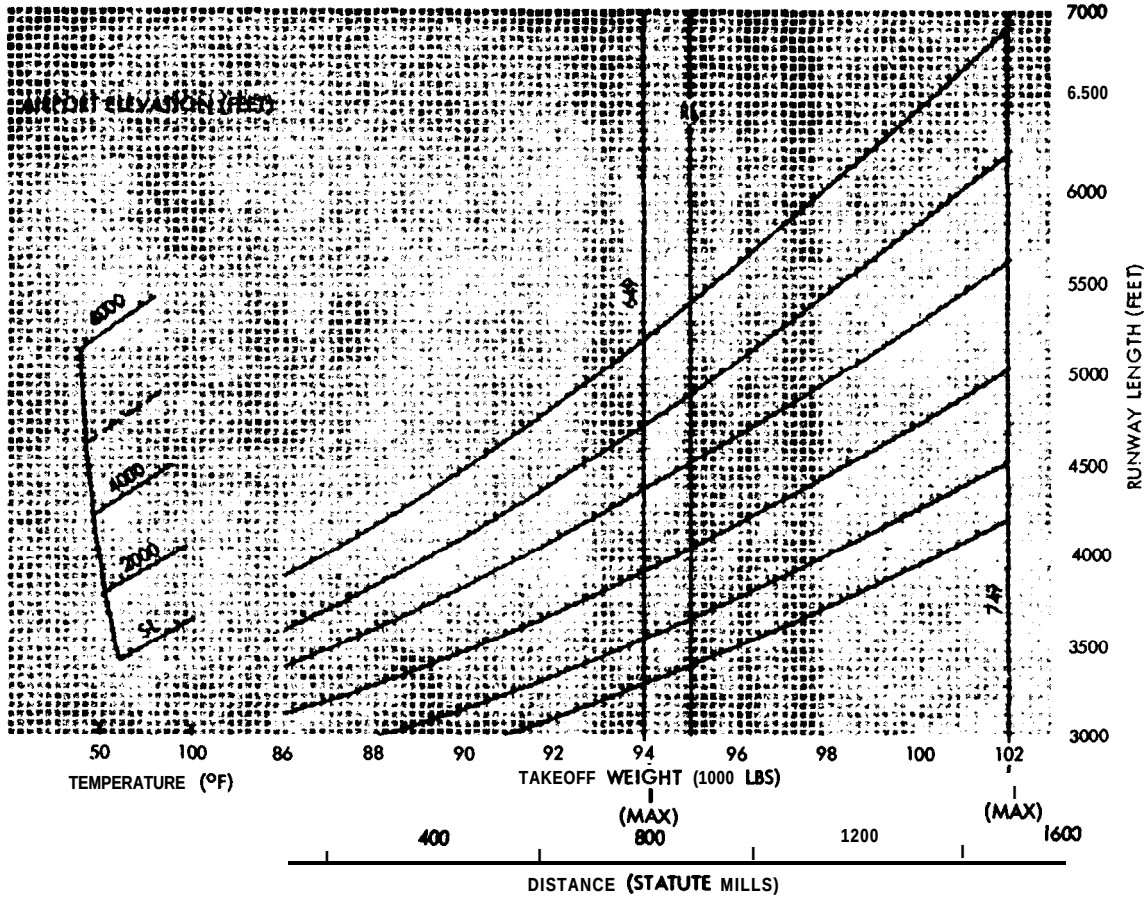


FIGURE 20. Aircraft Performance Curve, Takeoff (Lockheed 649 & 749)

LOCKHEED 649A & 749A

WRIGHT 749 C 18 BD1 ENGINE

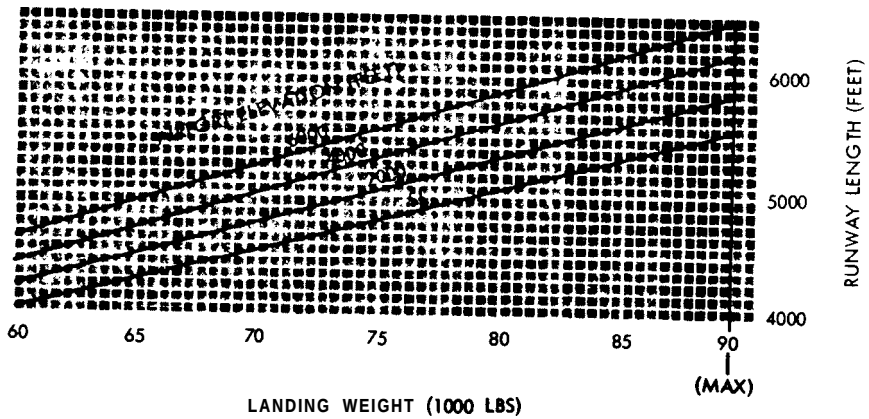


FIGURE 21. Aircraft Performance Curve, Landing (Lockheed 649A 6 749A)

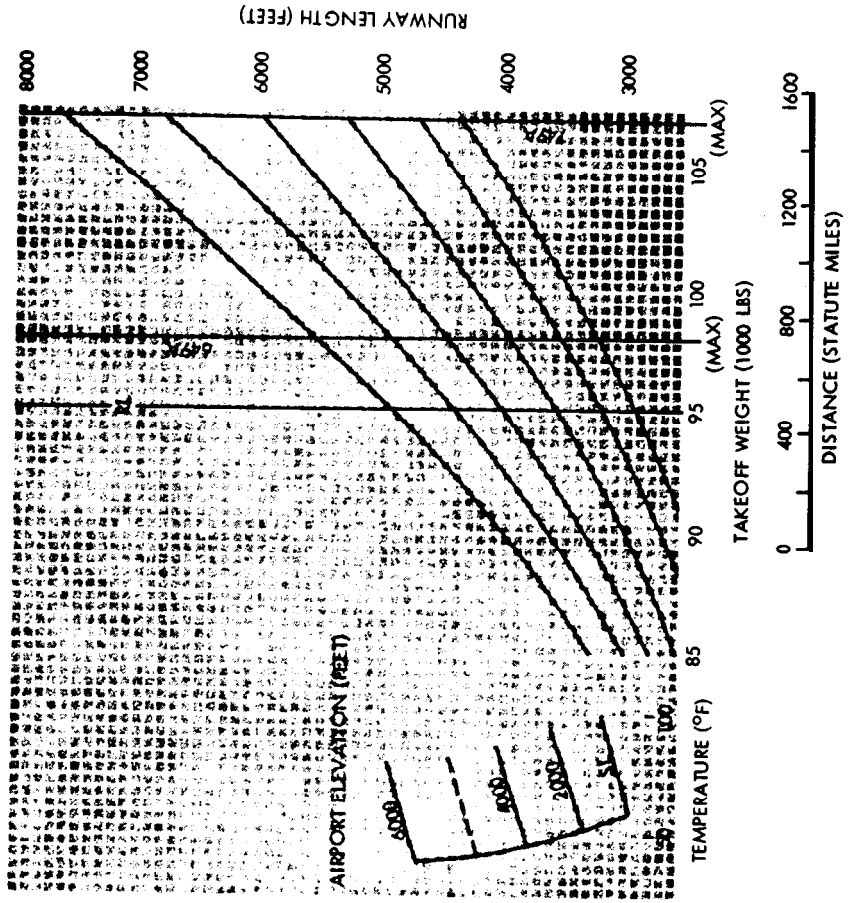


FIGURE 22. Aircraft Performance Curve, Takeoff (Lockheed 649A & 749A)

LOCKHEED 1049

WRIGHT 975 C 18 CB1 ENGINE

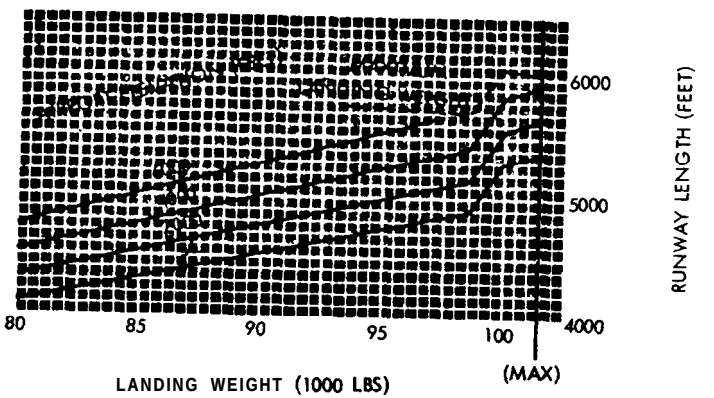


FIGURE 23. Aircraft Performance Curve, Landing (Lockheed 1049)

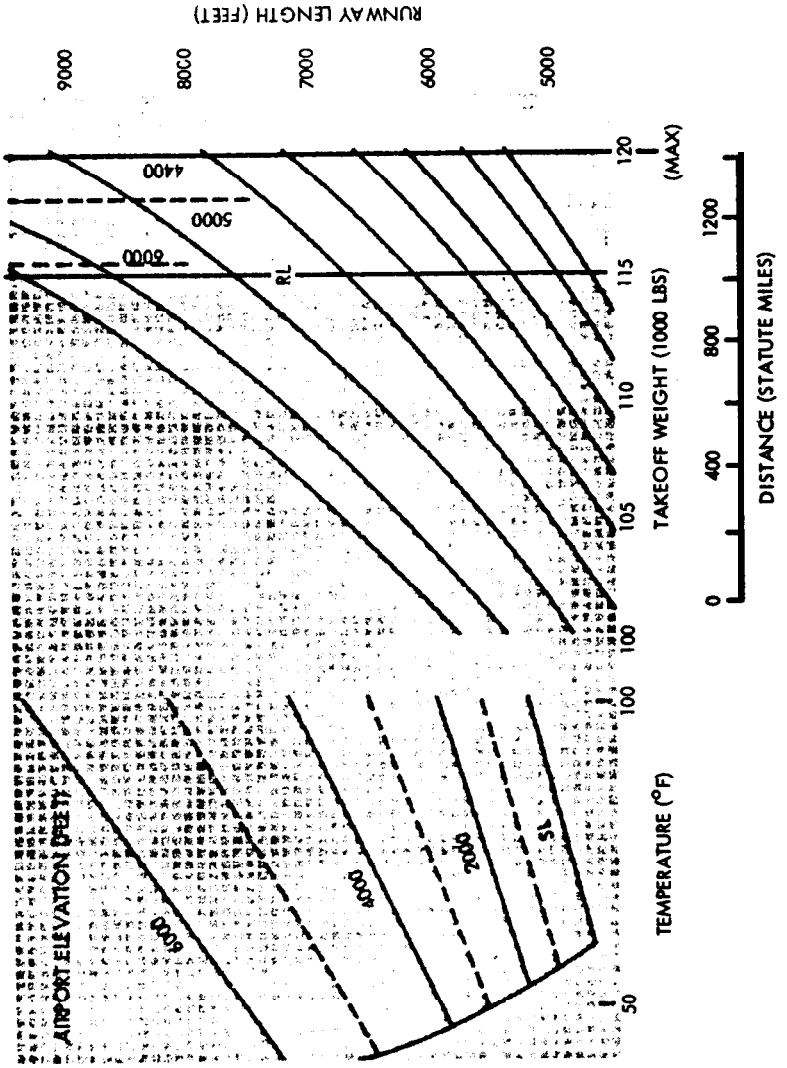


FIGURE 24. Aircraft Performance Curve, Takeoff (Lockheed 1049)

LOCKHEED 1049G

WRIGHT 988 TC 18 EA3 ENGINE
988 TC 18 EA6

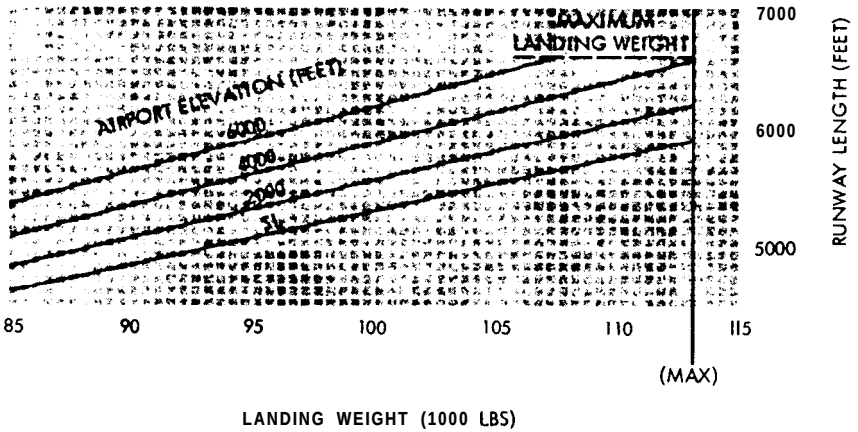


FIGURE 25. Aircraft Performance Curve, Landing (Lockheed 1049G)

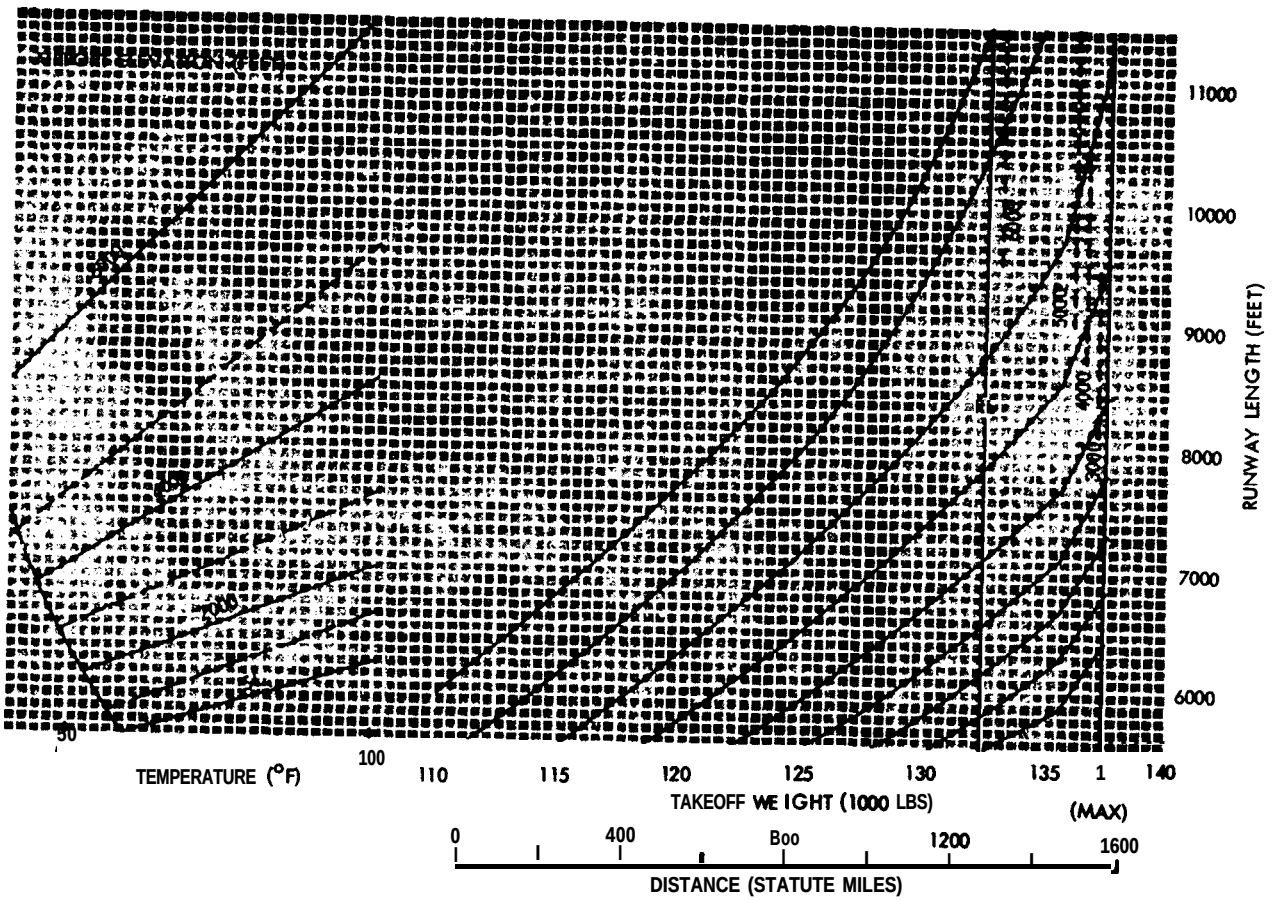


FIGURE 26. Aircraft Performance Curve, Takeoff (Lockheed 1049G)

LOCKHEED 1049H

WRIGHT 988 TC 18 EA3 ENGINE
988 TC 18 EA6

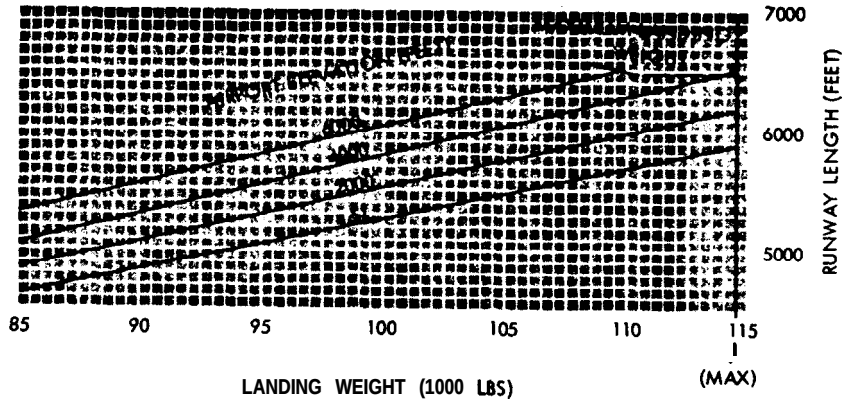


FIGURE 27. Aircraft Performance Curve, Landing (Lockheed 1049H)

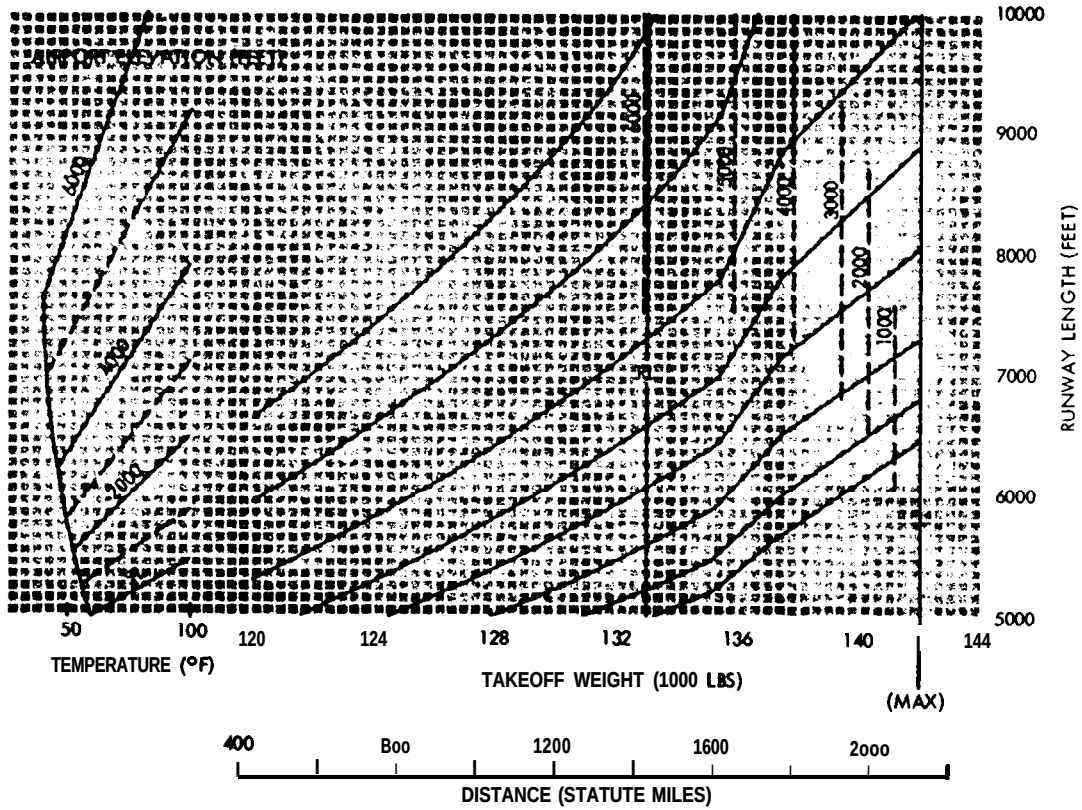
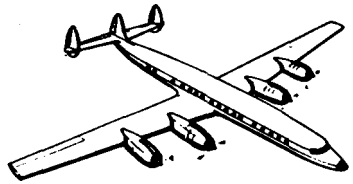


FIGURE 28. Aircraft Performance Curve, Takeoff (Lockheed 1049H)



LOCKHEED 1649A

WRIGHT 988 TC 18 EA2 ENGINE

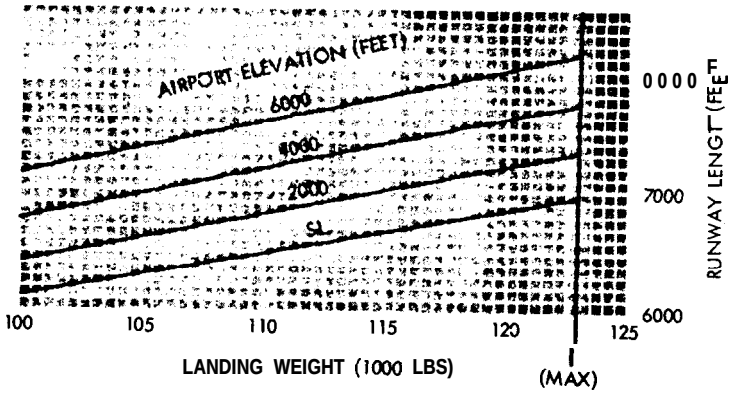


FIGURE 29. Aircraft Performance Curve, Landing (Lockheed 1649A)

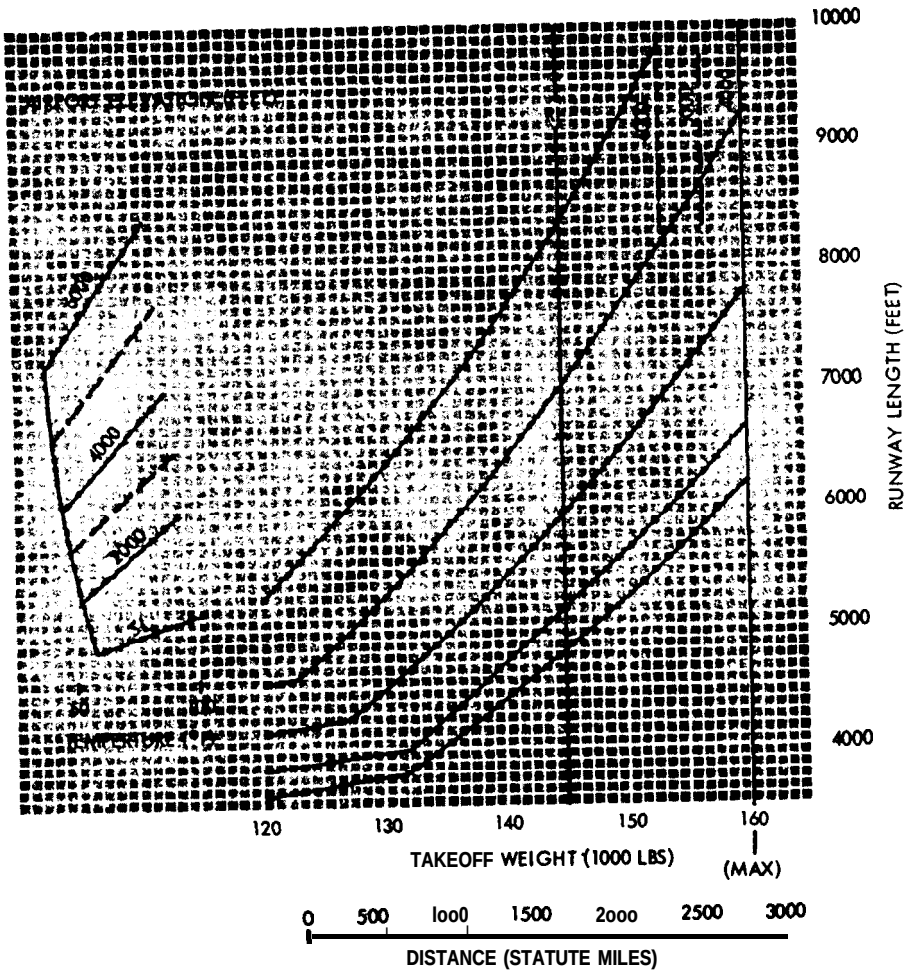
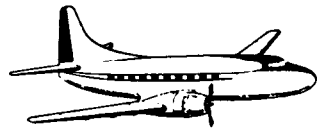


FIGURE 30. Aircraft Performance Curve, Takeoff (Lockheed 1649A)



MARTIN 202

PRATT & WHITNEY R2800-CA3 ENGINE
R2800-CA15
R2800-CA18

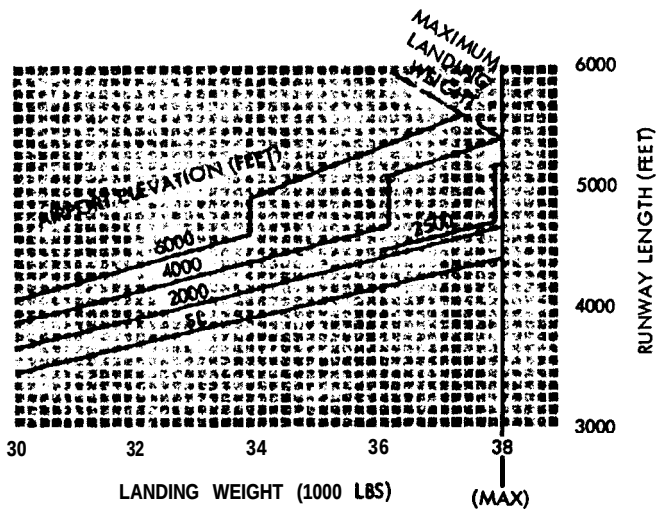


FIGURE 31. Aircraft Performance Curve, Landing (Martin 202)

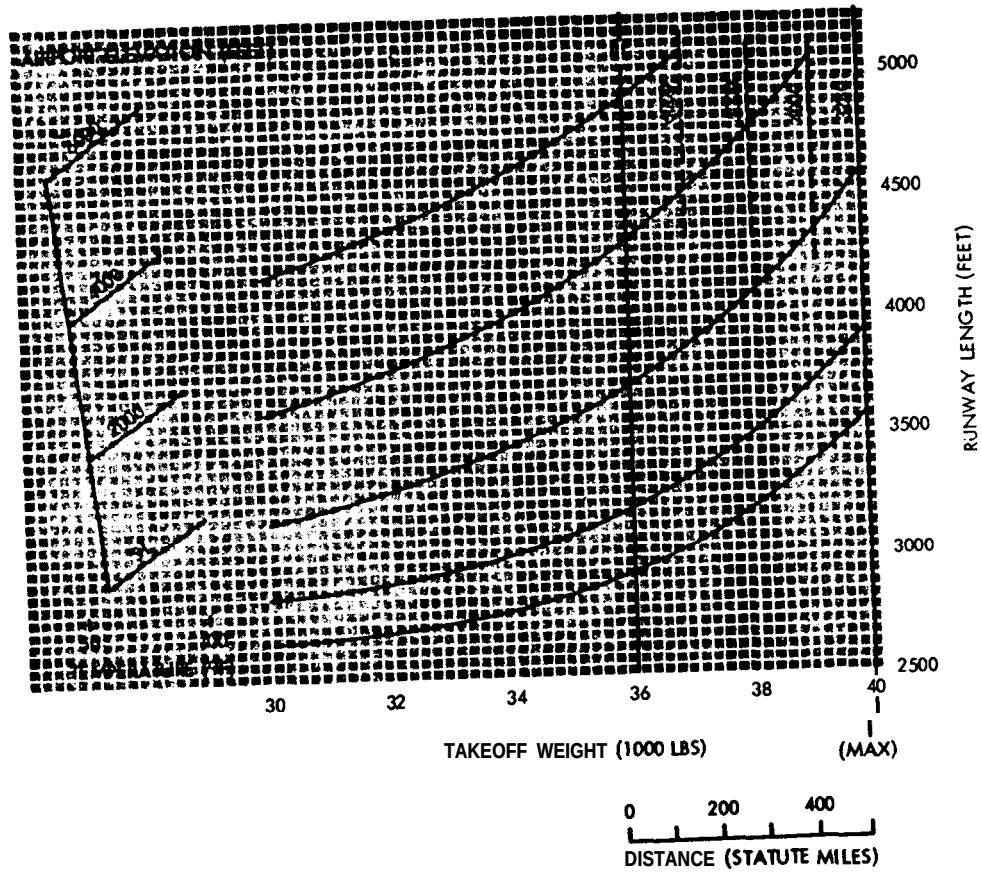
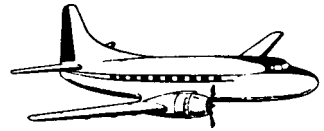


FIGURE 32. Aircraft Performance Curve, Takeoff (Martin 202)



MARTIN 404

PRATT & WHITNEY R2800-CB16 ENGINE

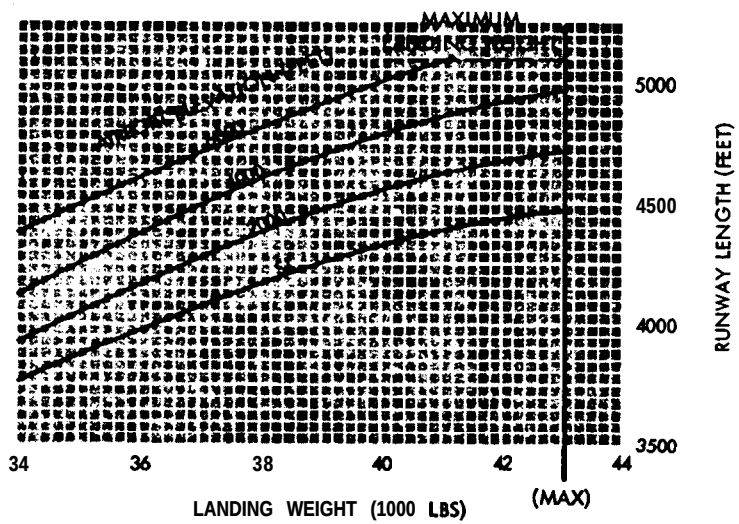


FIGURE 33. Aircraft Performance Curve, Landing (Martin 404)

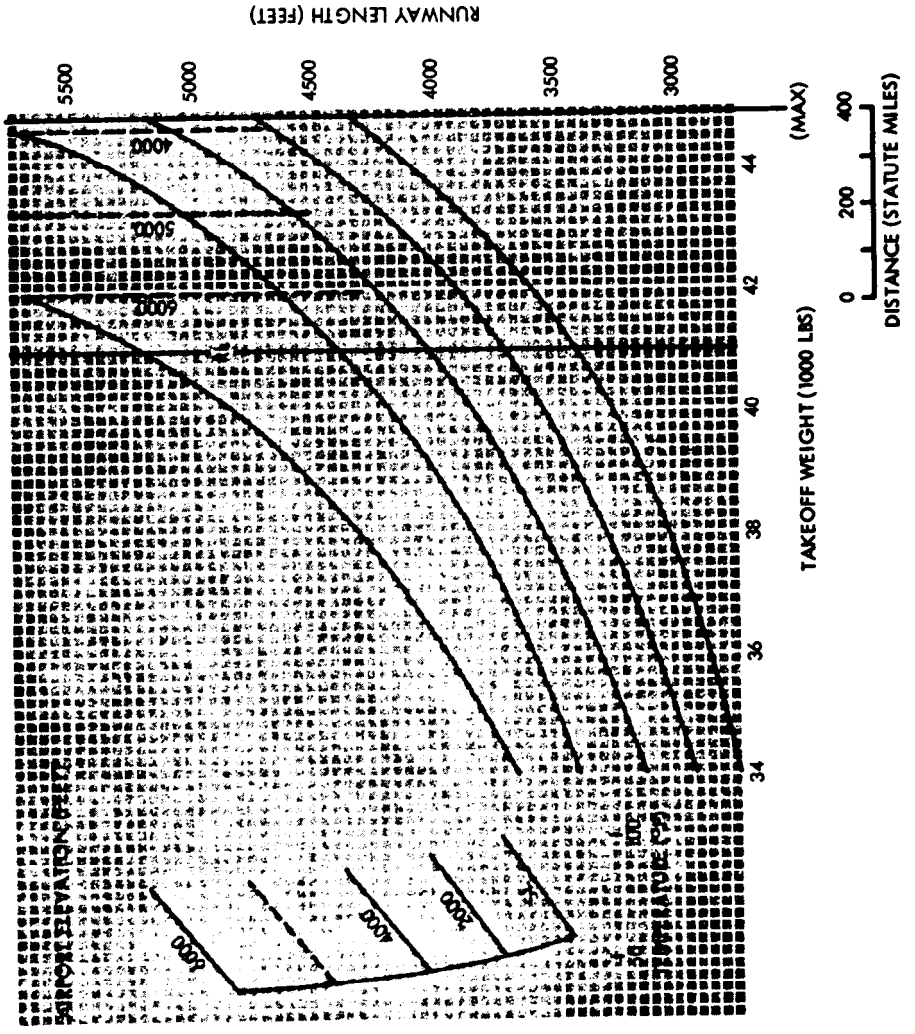
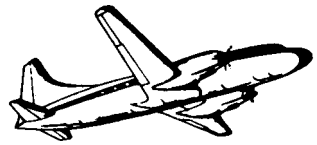


FIGURE 34. Aircraft Performance Curve, Takeoff (Martin 404)



CONVAIR 340/440

ALLISON 501-D13D ENGINE

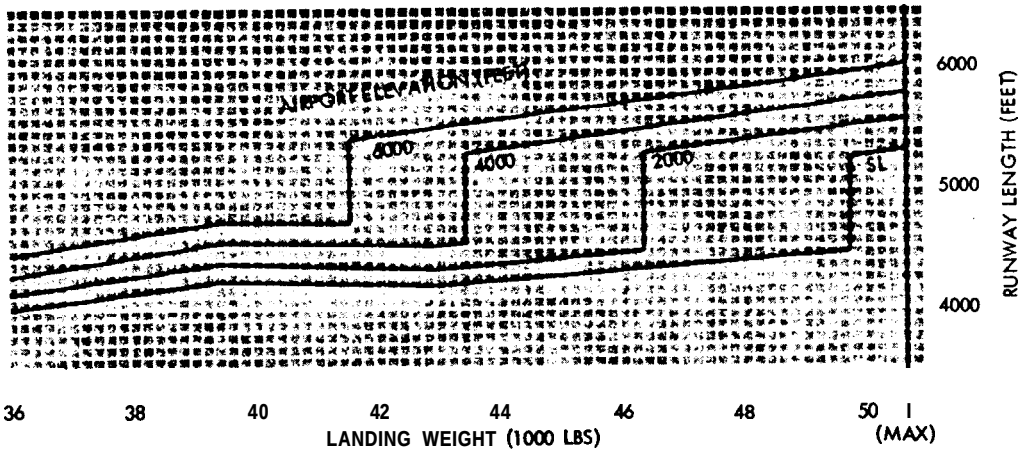


Figure 35. Aircraft Performance Curve, Landing (Convair 340/440) Allison

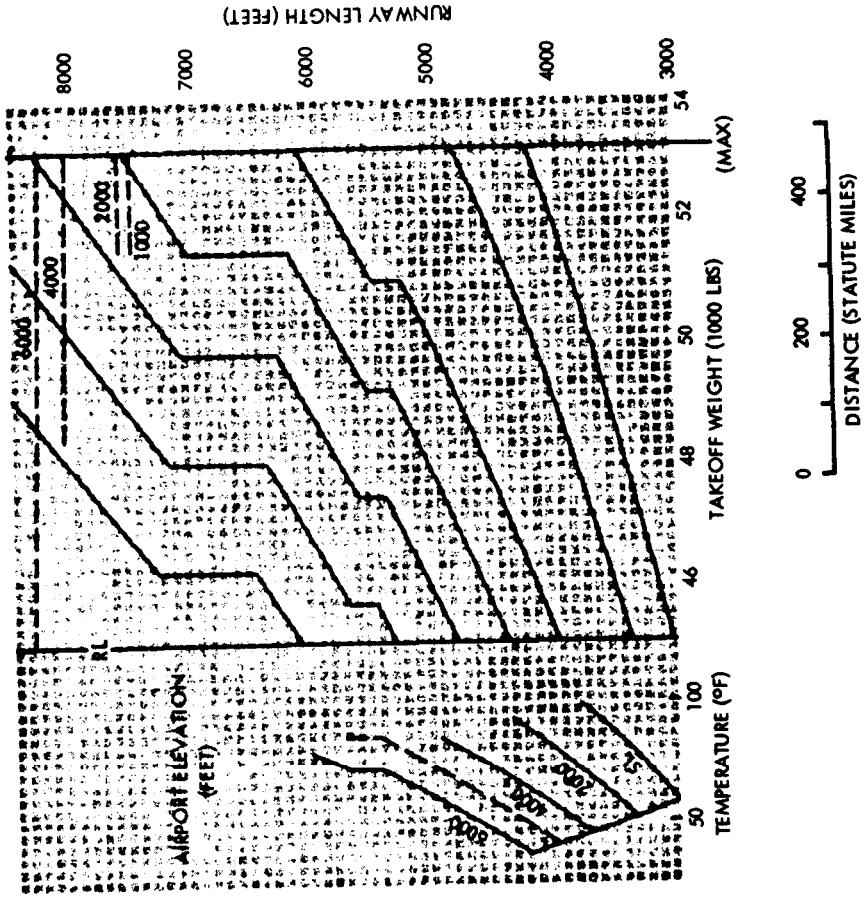
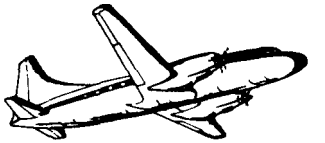


Figure 3[x]. Aircraft Performance Curve, Takeoff (Convair 340/440) Allison



CONVAIR 340/440

ALLISON 501-D13H ENGINE

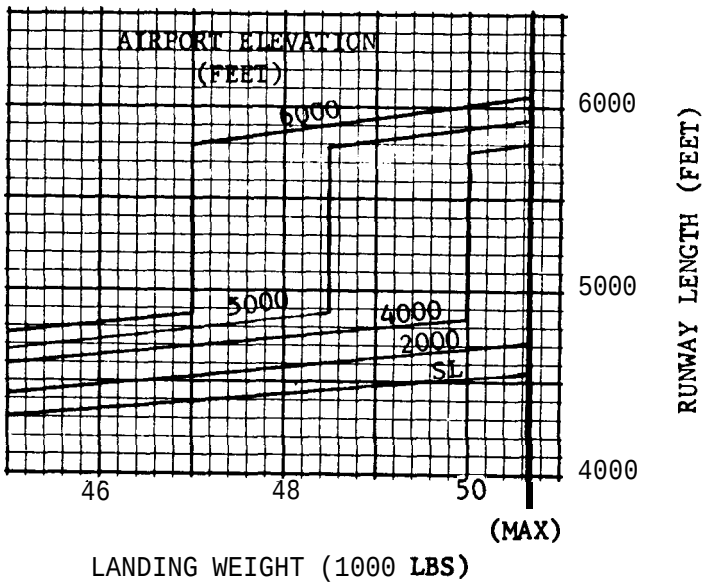


Figure 37. Aircraft Performance Curve, Landing (Convair 340/440) Allison

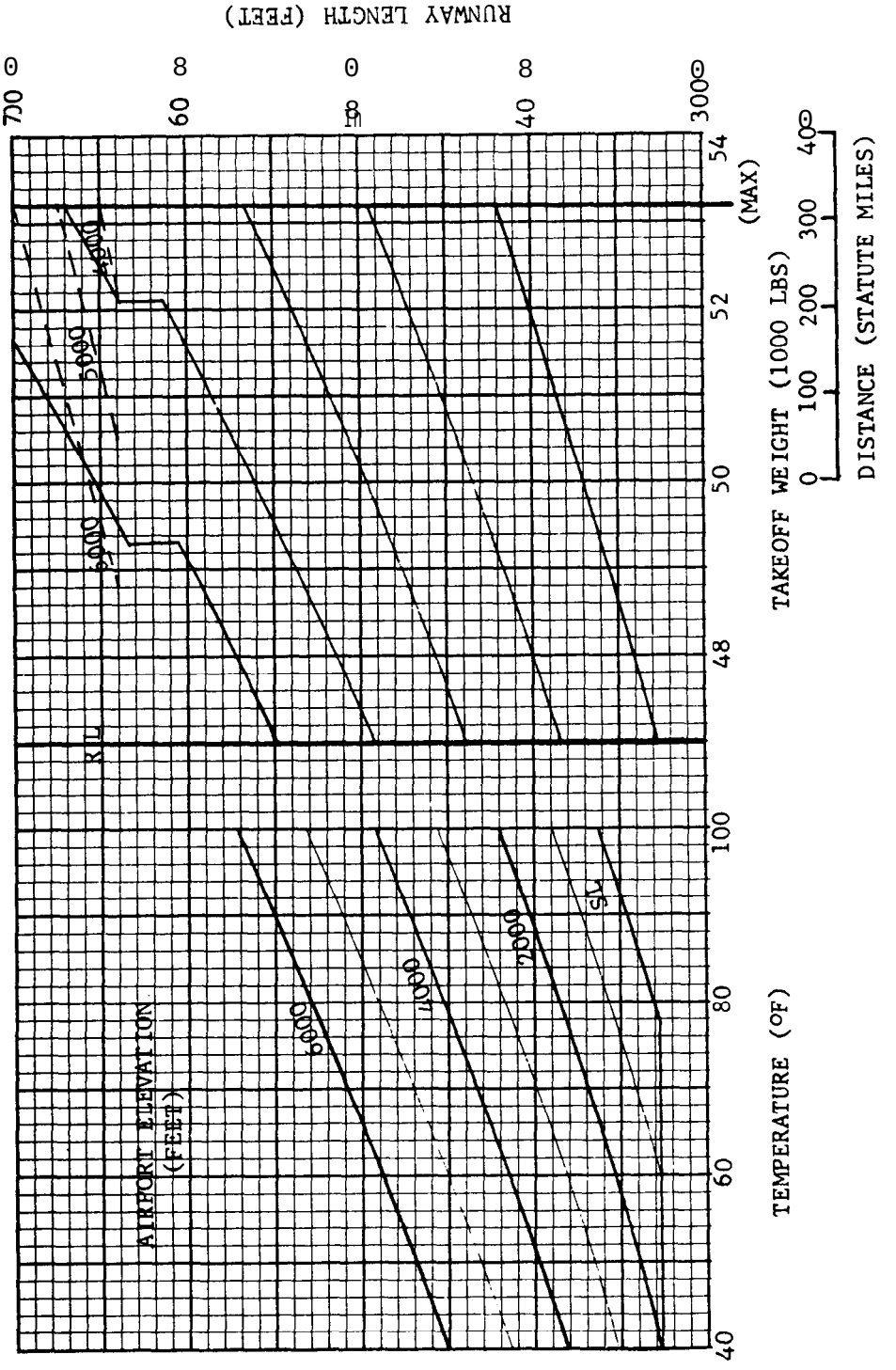
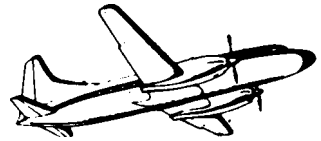


Figure 38 Aircraft Performance Curve, Takeoff (Convair 340/440) Allison



CONVAIR 340/440

NAPIER ELAND 504 ENGINE

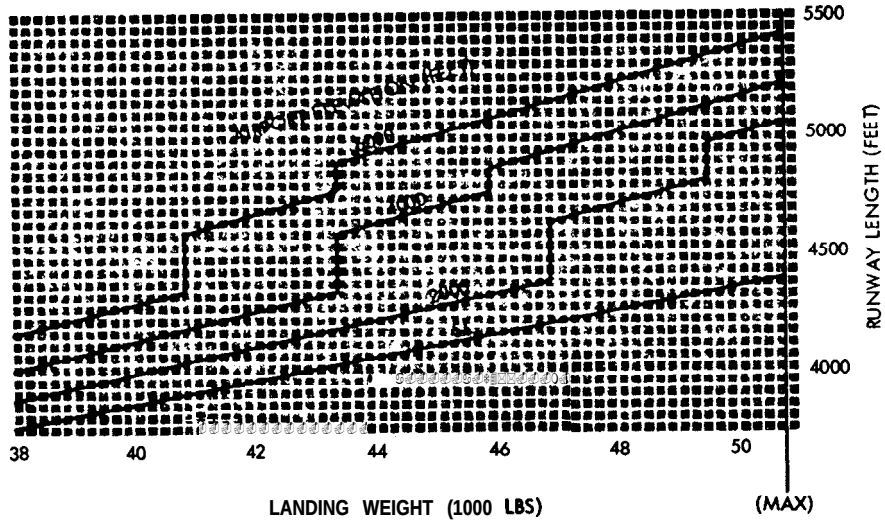


Figure 39. Aircraft Performance Curve, Landing (Convair 340/440) Napier

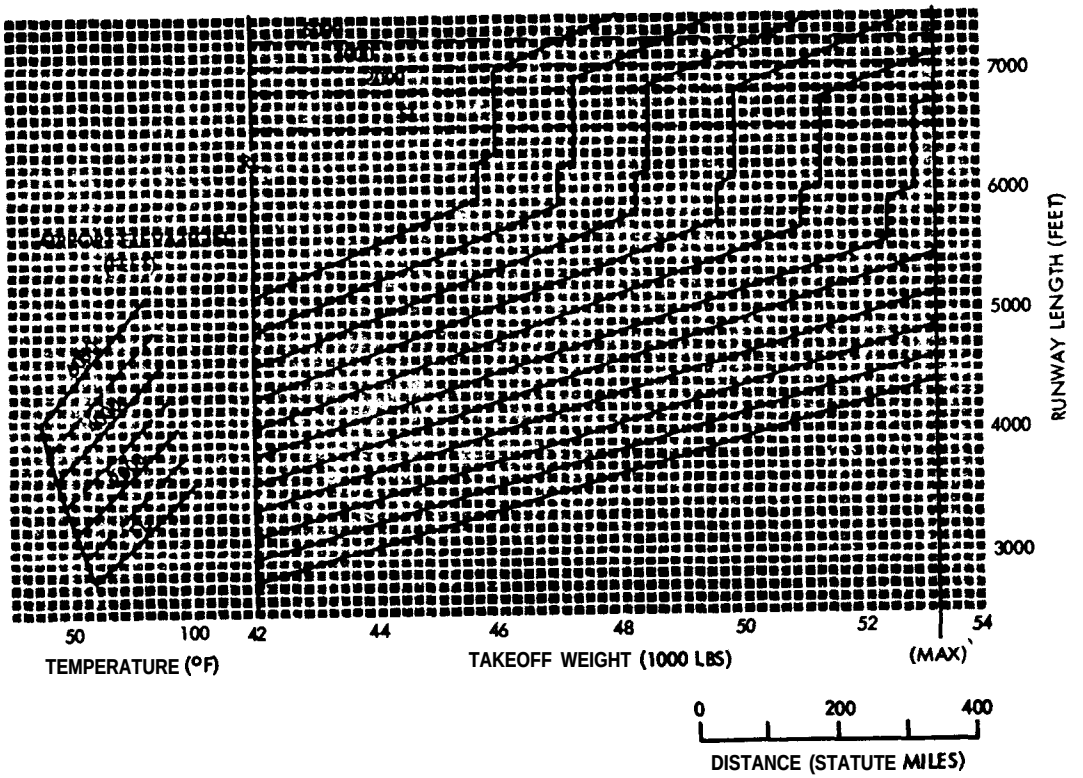
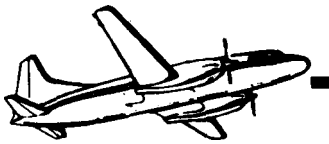
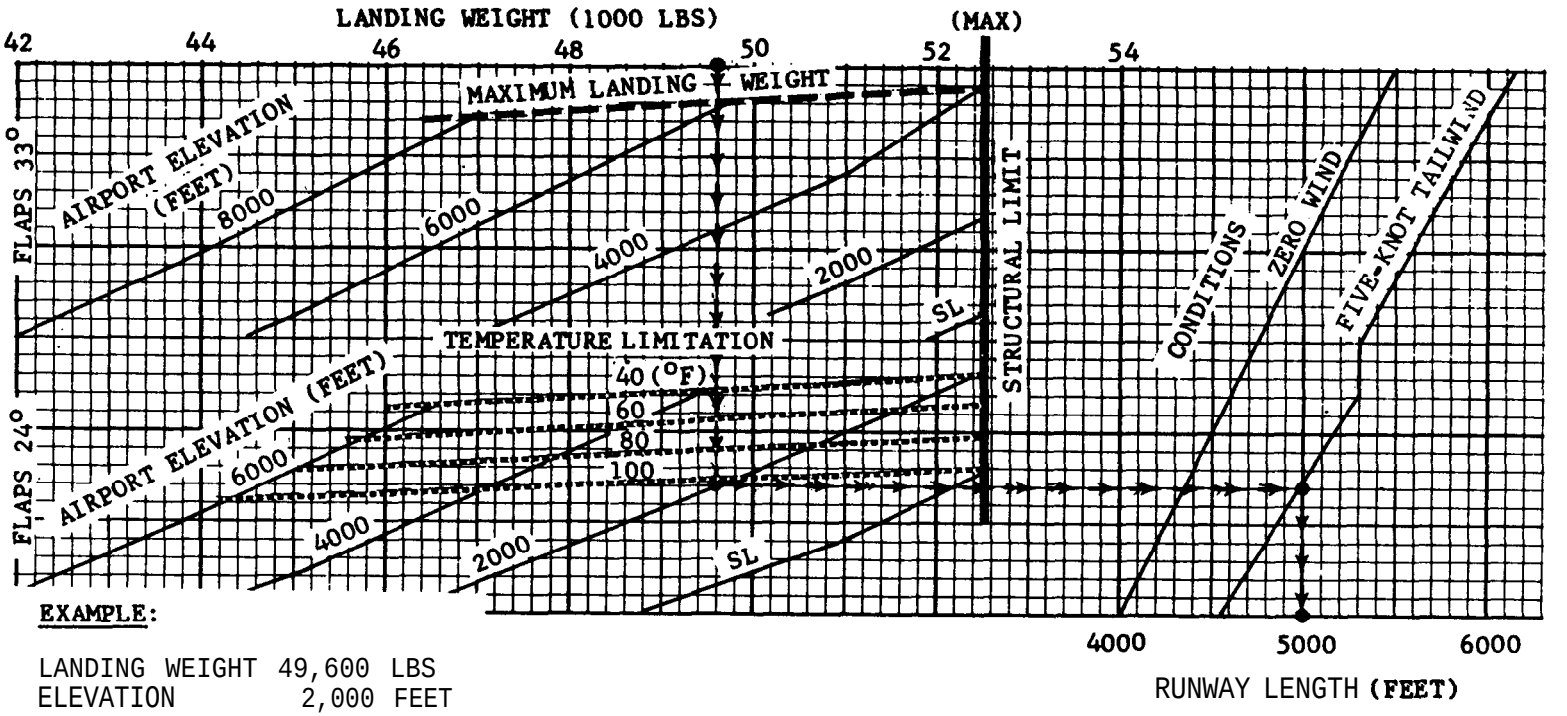


Figure 40. Aircraft Performance Curve, Takeoff (Convair 340/440) Napier



CONVAIR 640 (340D OR 440D)

ROLLS ROYCE DART 542-4 ENGINE



EXAMPLE:

LANDING WEIGHT	49,600 LBS
ELEVATION	2,000 FEET
TEMPERATURE	80° F.
RUNWAY LENGTH	5,000 FEET

Figure 41. Aircraft Performance Curve, Landing [Convair 640 (340D or 440D) Incorporating the Modification of Service Bulletin 640 (340D) No. 95-1 and 95-3]

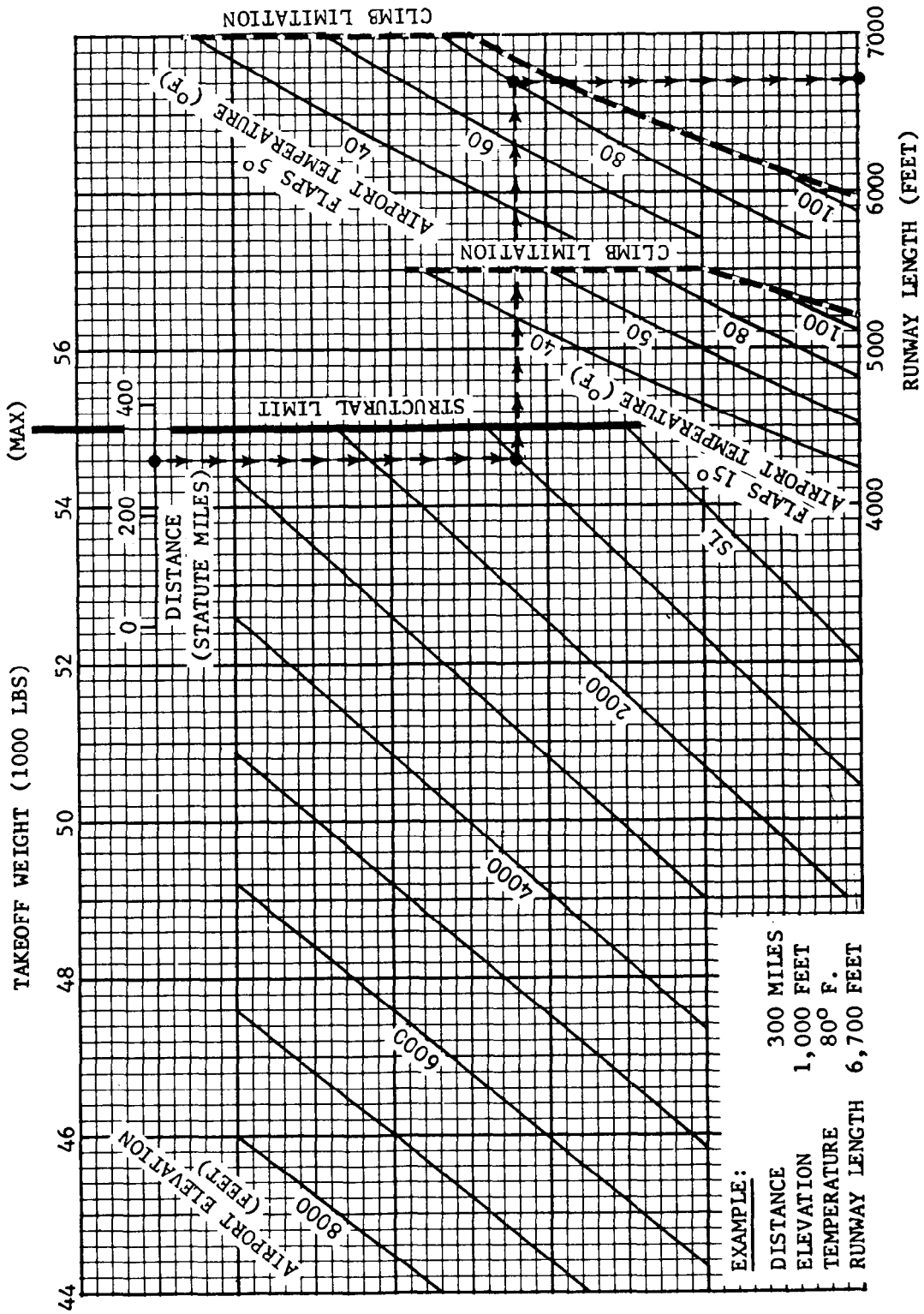


Figure 42. Aircraft Performance Curve, Takeoff [Convair 640 (340D or 440D) Incorporating the Modification of Service Bulletin 640 (340D) No. 95-1 and 95-3]

FAIRCHILD F-27 & F-27B

ROLLS ROYCE DART 511 ENGINE
511-7E

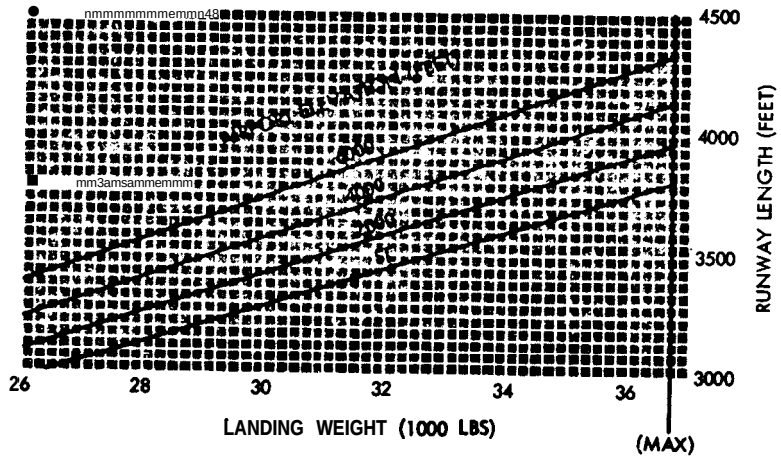


Figure 43. Aircraft Performance Curve, Landing (Fairchild F-27 & F-27B)

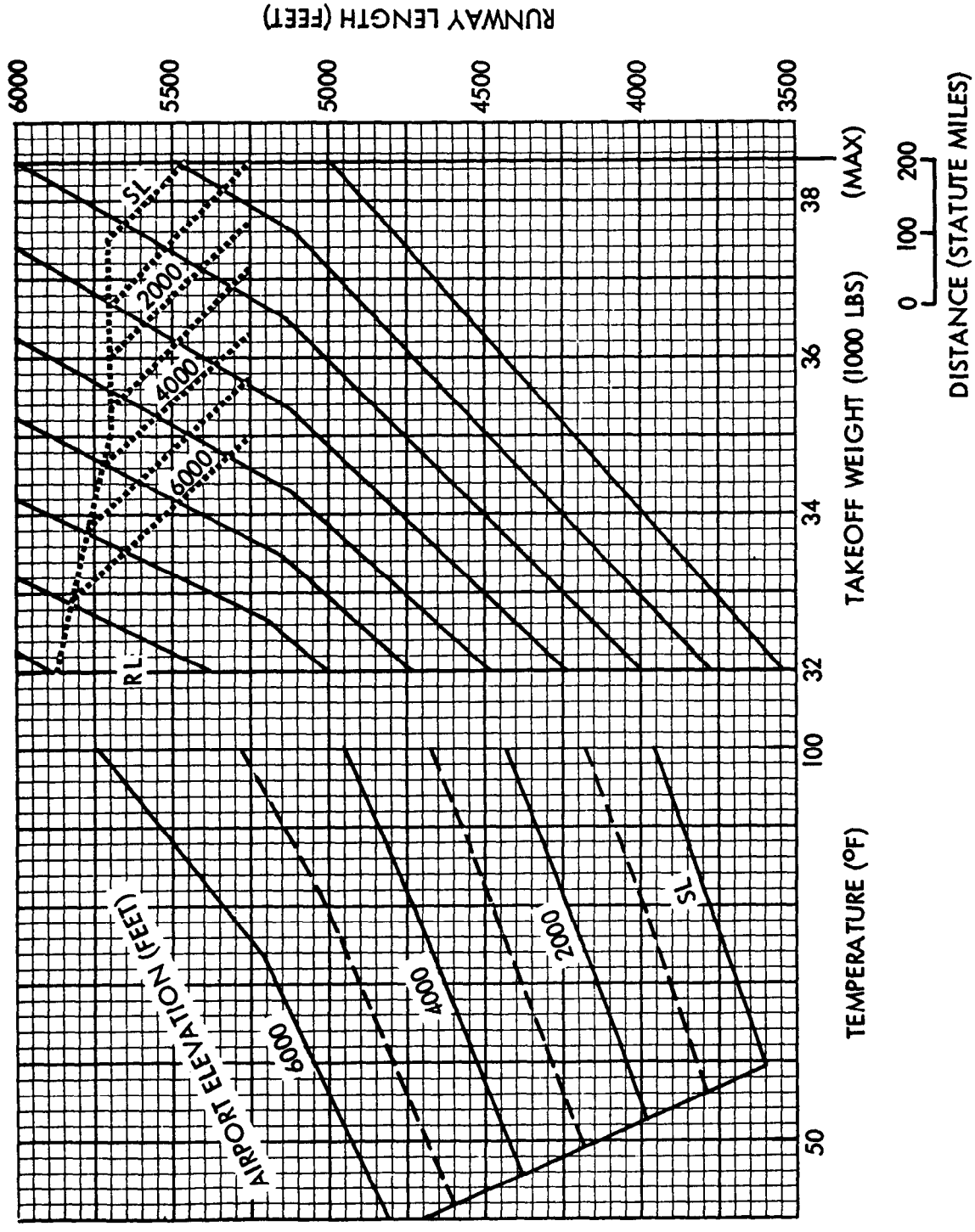
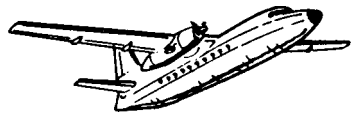


Figure 44 Aircraft Performance Curve, Takeoff (Fairchild F-27 & F-27B)



FAIRCHILD F-27 & F-27B

ROLLS ROYCE DART 514-7 ENGINE
514-7E

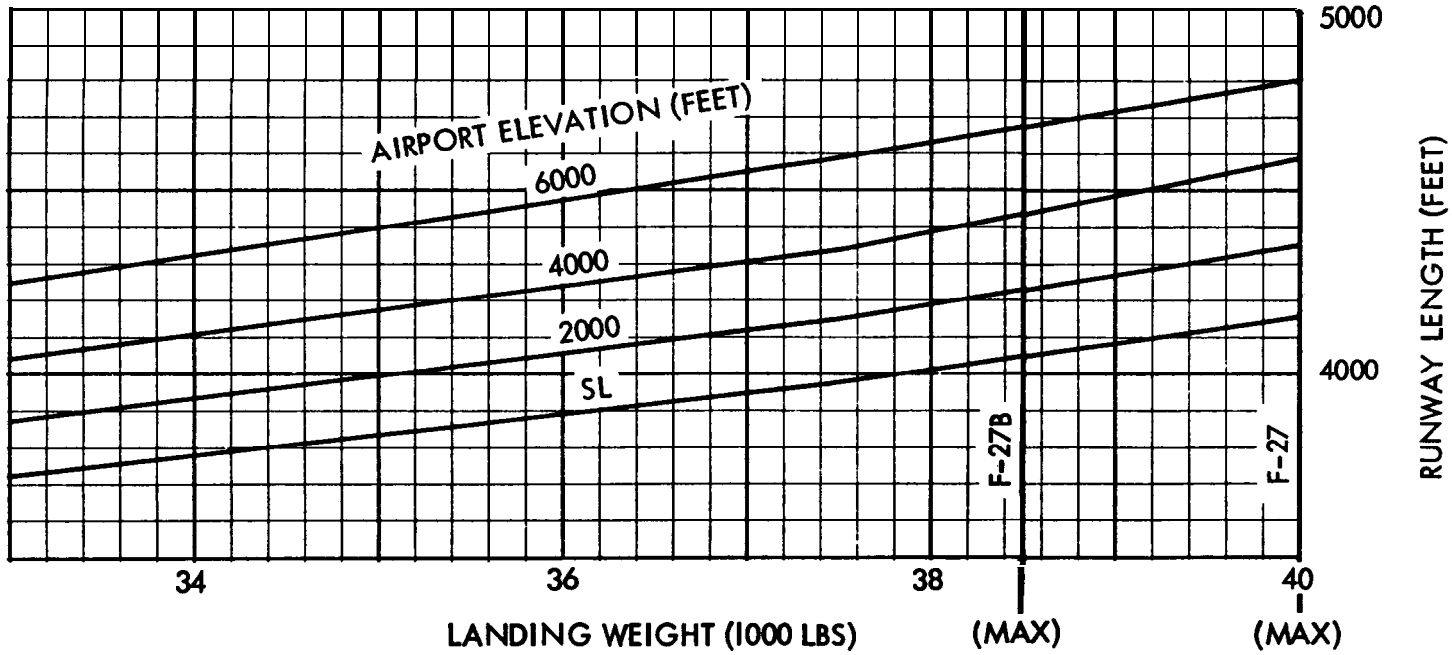


Figure 45. Aircraft Performance Curve, Landing (Fairchild F-27 & F-27B)

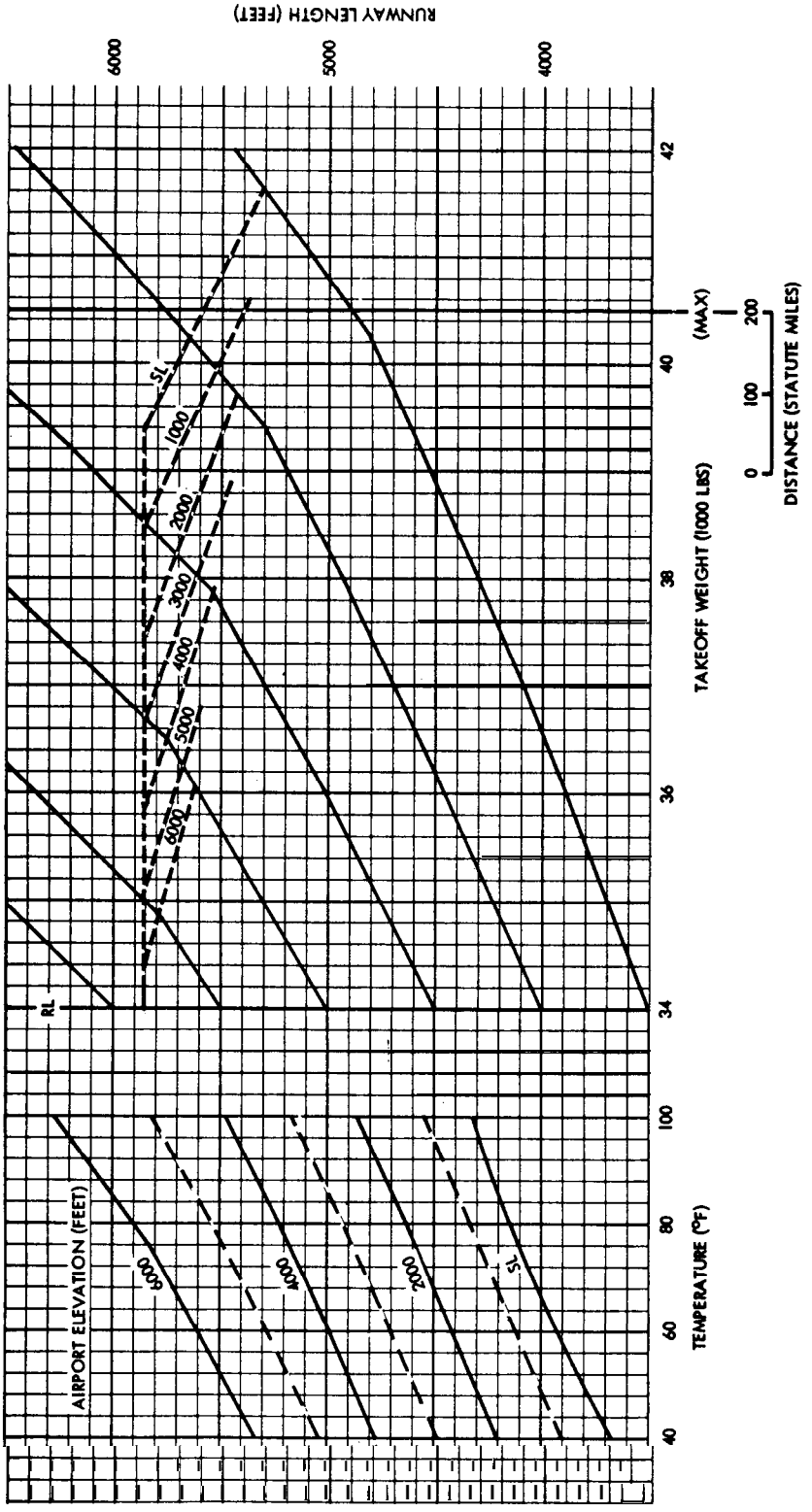
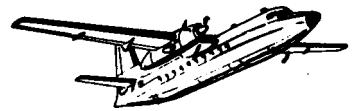


Figure 46 Aircraft Performance Curve, Takeoff (Fairchild F-27 & F-27B)



FAIRCHILD F-27A

ROLLS ROYCE DART 528-73 ENGINE

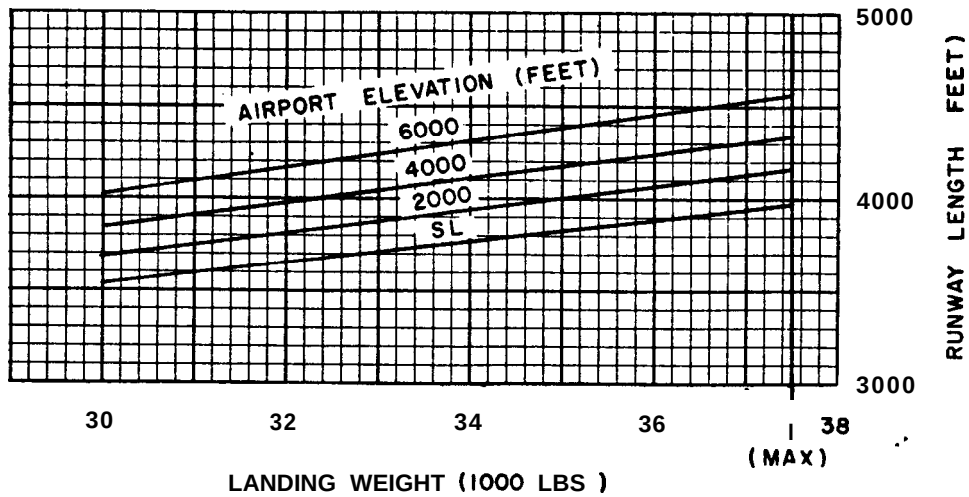


Figure 47. Aircraft Performance Curve, Landing (Fairchild F-27A)

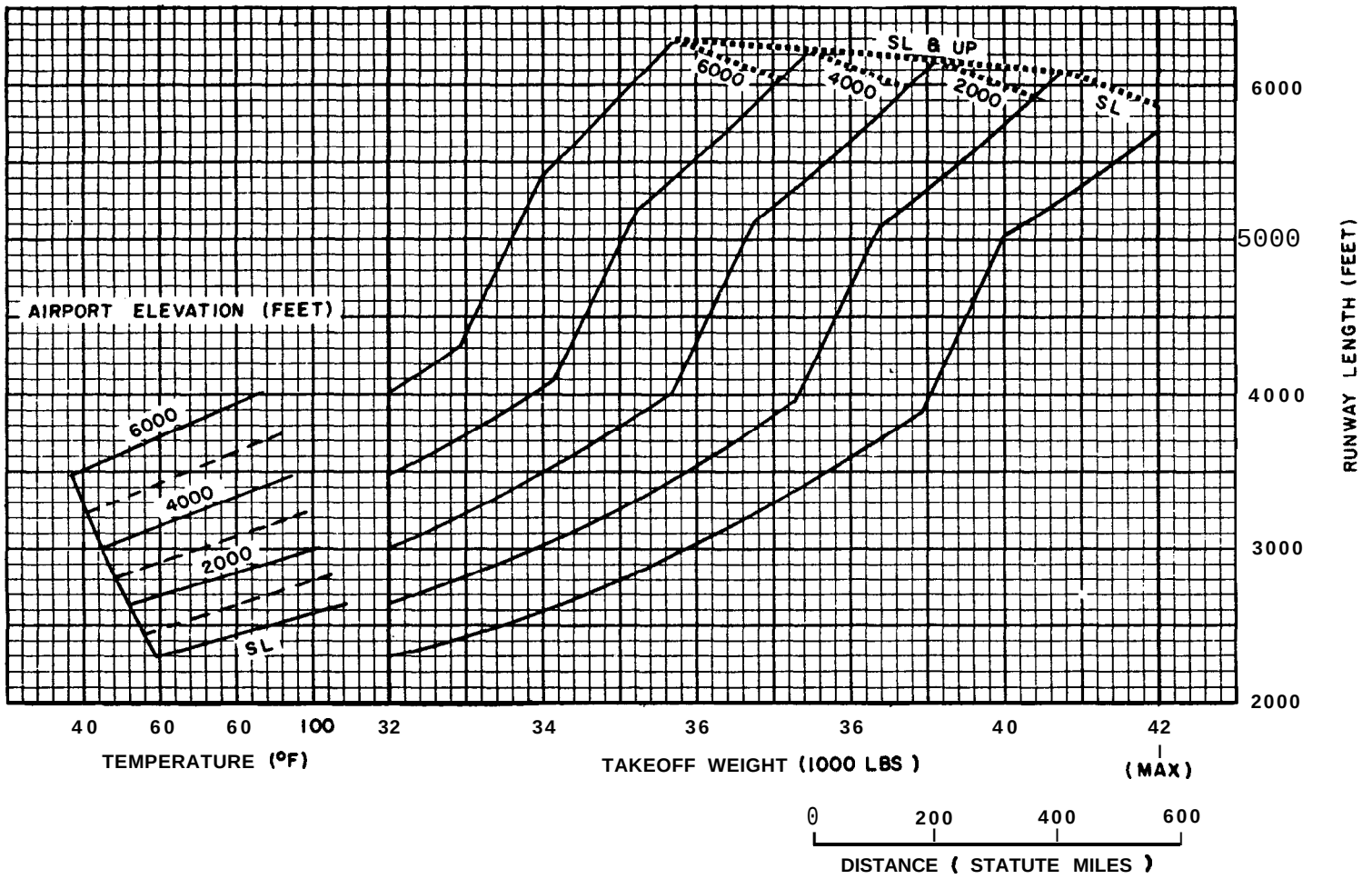
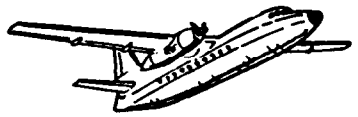


Figure 48. Aircraft Performance Curve, Takeoff (Fairchild F-27A)



FAIRCHILD F-27J

ROLLS ROYCE DART 532-7 ENGINE

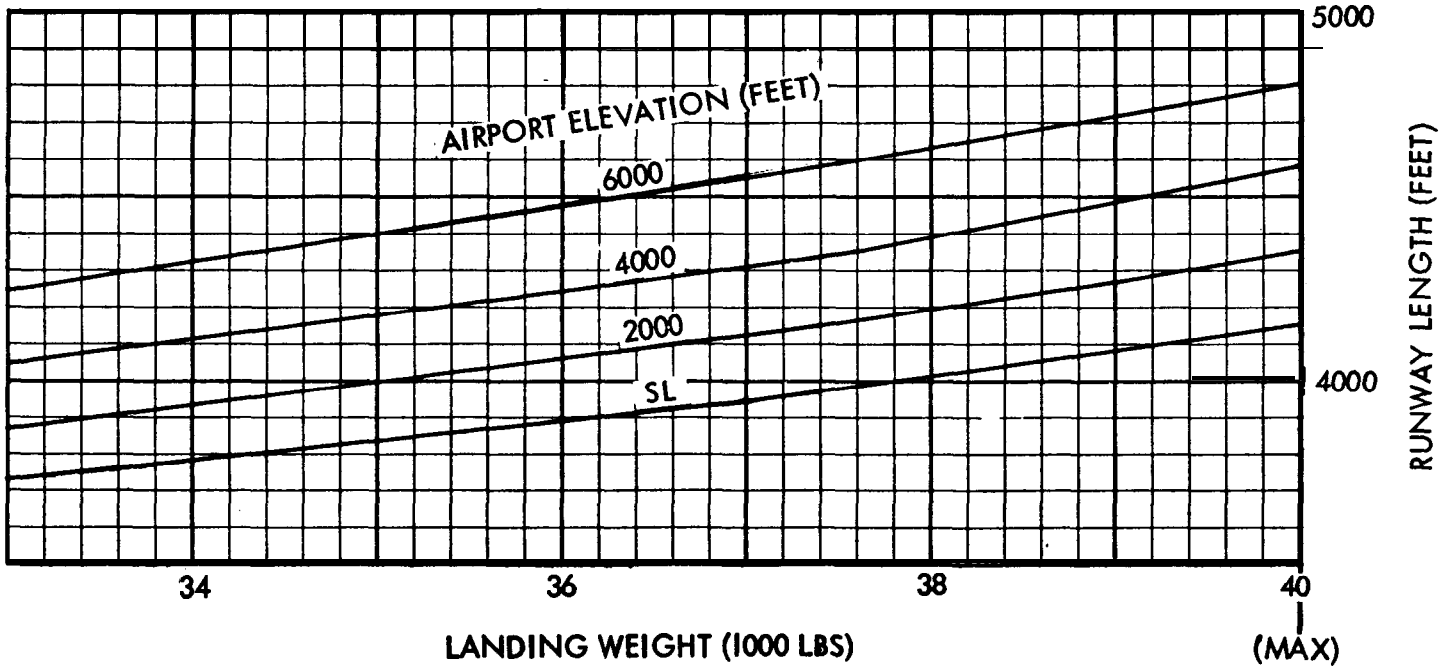


Figure 49. Aircraft Performance Curve, Landing (Fairchild F-27J)

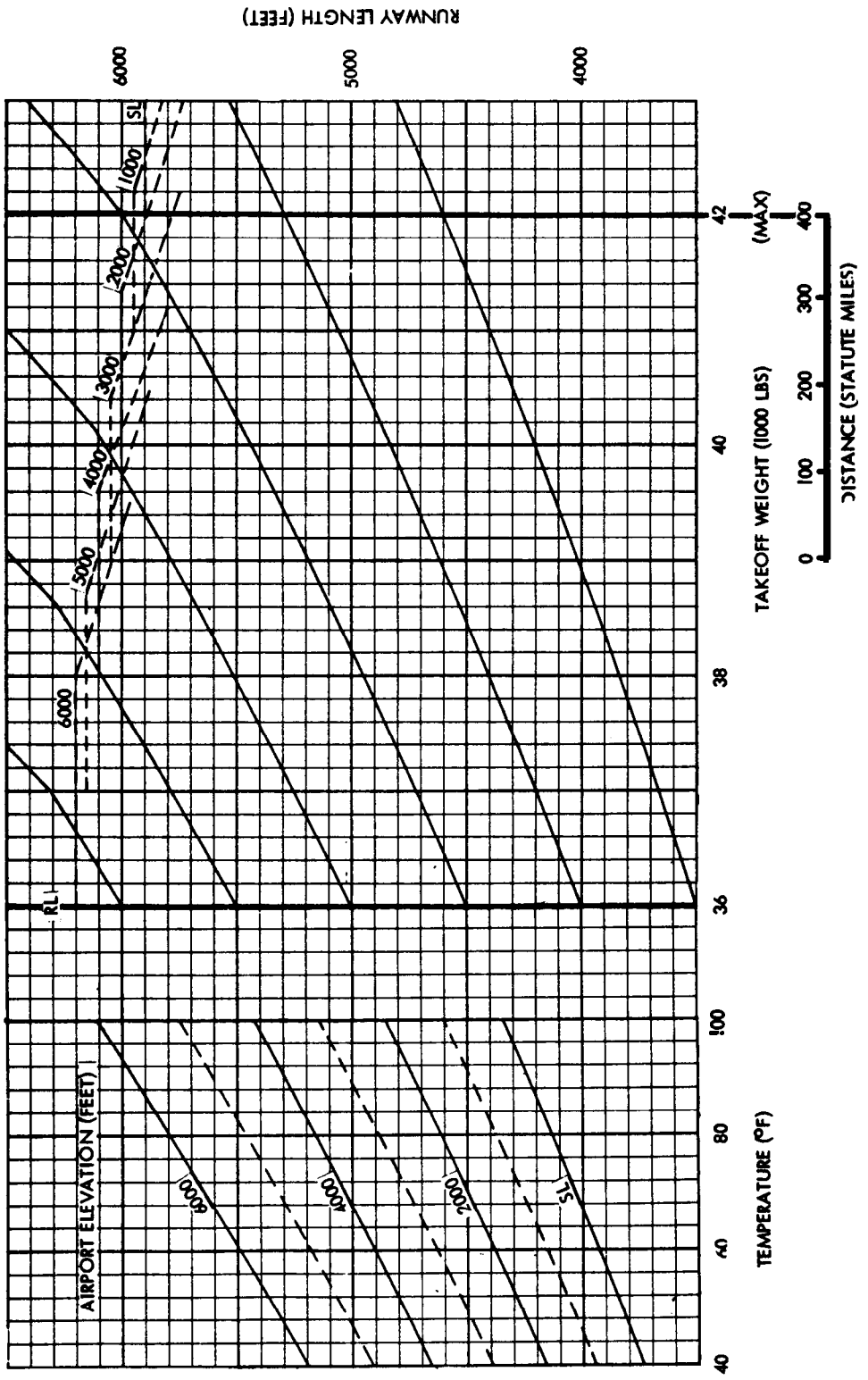
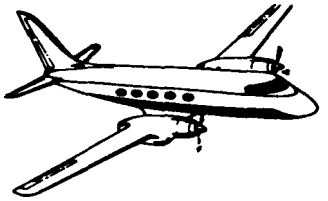


Figure 50. Aircraft Performance Curve, Takeoff (Fairchild F-27J)



GRUMMAN G-159

ROLLS ROYCE DART 529 **(RDa-7/2)** ENGINE

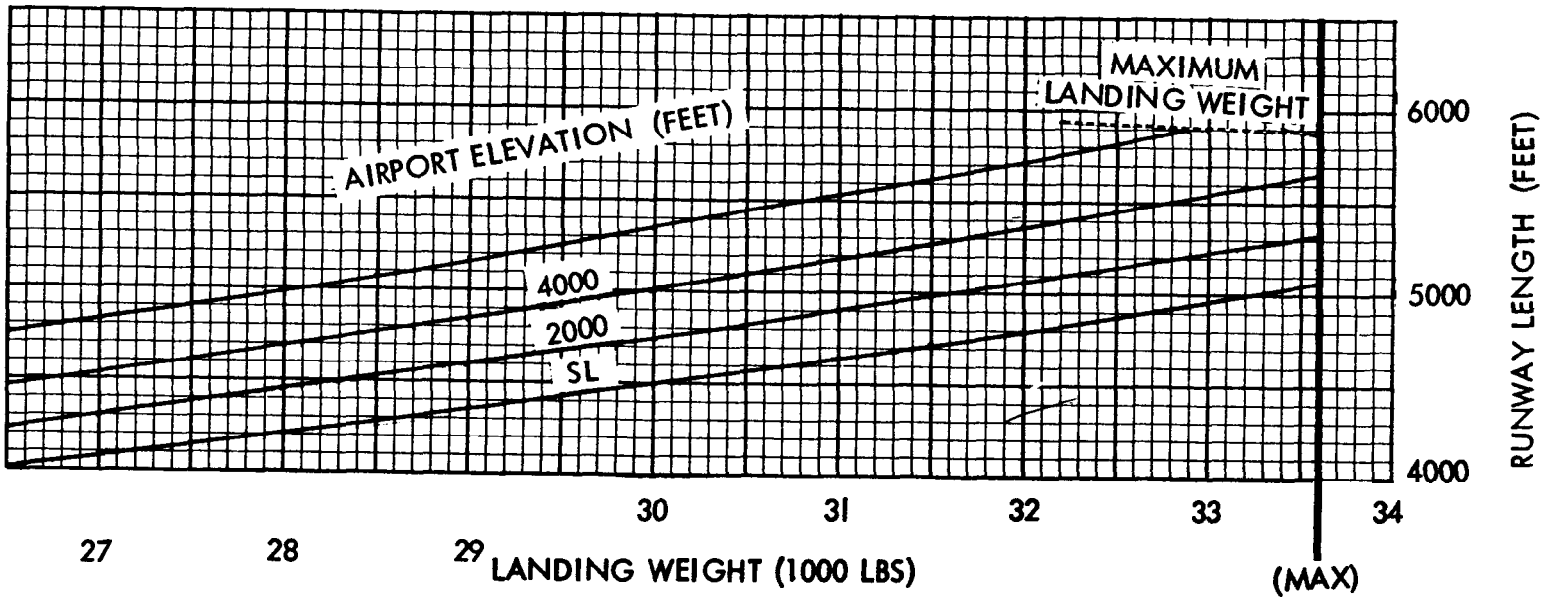


Figure 51. Aircraft Performance Curve, Landing (Grumman G-159)

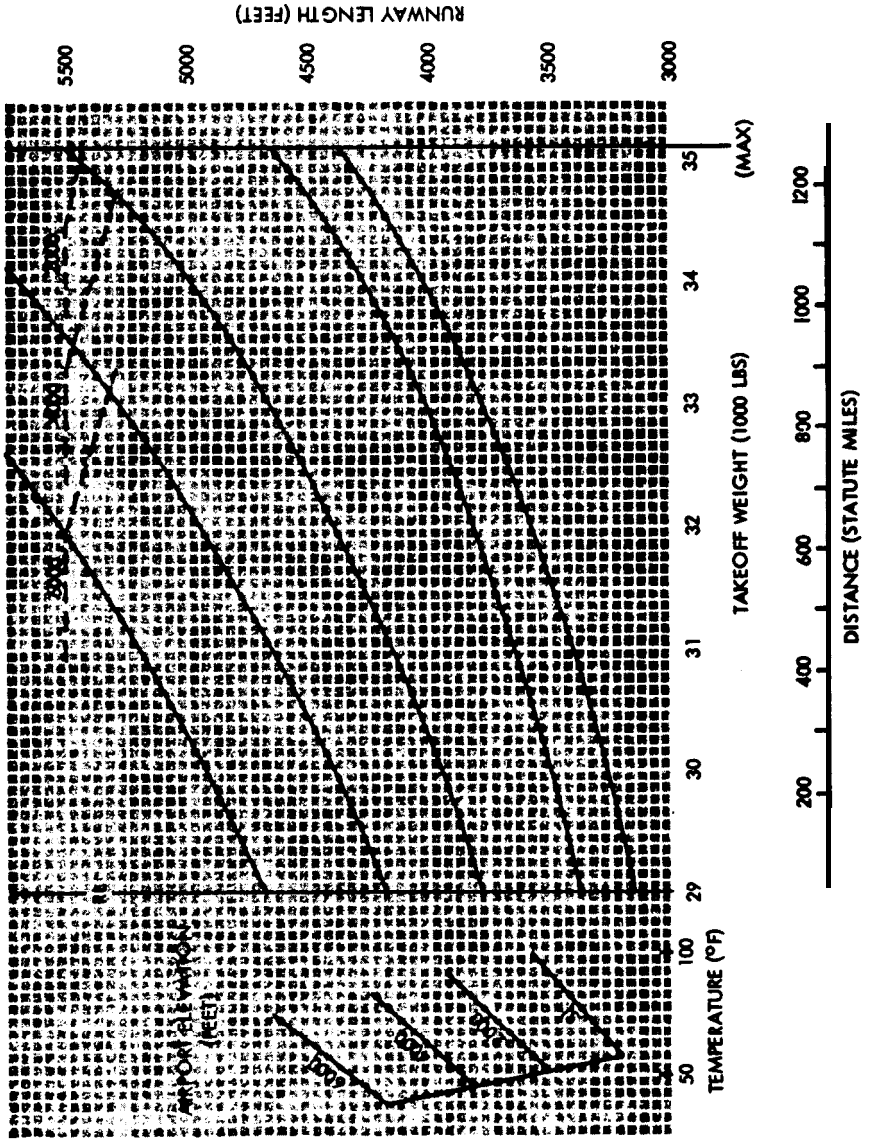


Figure 52. Aircraft Performance Curve, Takeoff (Grumman G-159)