

AIRCRAFT MODEL(S) B-26B-1, & B-26C		ENGINE MODEL(S) R-2800-41 R-2800-43		TAKE-OFF, CLIMB & LANDING CHART															
				TAKE-OFF DISTANCE FEET															
GROSS WEIGHT LB.	HEAD WIND M.P.H. E.T.S.	HARD SURFACE RUNWAY				SOFT-TURF RUNWAY				SOFT SURFACE RUNWAY									
		AT SEA LEVEL		AT 6000 FEET		AT SEA LEVEL		AT 3000 FEET		AT SEA LEVEL		AT 3000 FEET		AT 6000 FEET					
		GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.				
38000	0	2390	3590	2870	4280	3670	5760	3540	4470	3070	4470	3980	6080	3040	4240	3740	5140	5040	7130
	20	1680	2670	2050	3220	1790	2720	2200	3370	2200	3370	2910	4670	2130	3120	2670	3840	3680	5440
	40	1090	1860	1350	2280	1830	3250	1150	1930	1450	2370	1980	3400	1380	2160	1780	2710	2510	3930
32000	0	1590	2510	1910	2920	2440	3630	1680	2600	2010	3020	2570	3760	1920	2840	2330	3340	3060	4260
	20	1080	1820	1310	2140	1710	2700	1140	1880	1390	2220	1800	2780	1300	2040	1610	2440	2130	3130
	40	660	1220	830	1470	1110	1880	700	1260	870	1510	1160	1950	800	1260	1020	1450	1400	2170
26000	0	990	1710	1190	1970	1480	2370	1030	1750	1230	2010	1550	2430	1140	1860	1380	2160	1760	2630
	20	640	1210	790	1410	1000	1710	660	1230	830	1440	1050	1750	730	1300	920	1540	1190	1890
	40	350	770	460	920	610	1140	370	780	490	940	640	1170	410	820	530	1000	720	1250

  

GROSS WEIGHT LB.	CLIMB DATA																						
	AT SEA LEVEL		AT 5000 FEET		AT 10,000 FEET		AT 15,000 FEET		AT 20,000 FEET		AT 25,000 FEET												
		BEST I.A.S. MPH	BEST I.A.S. ETS	BEST I.A.S. MPH	BEST I.A.S. ETS	BEST I.A.S. MPH	BEST I.A.S. ETS	BEST I.A.S. MPH	BEST I.A.S. ETS	BEST I.A.S. MPH	BEST I.A.S. ETS												
		RATE OF CLIMB F.P.M.	FUEL USED	RATE OF CLIMB F.P.M.	FUEL USED	RATE OF CLIMB F.P.M.	FUEL USED	RATE OF CLIMB F.P.M.	FUEL USED	RATE OF CLIMB F.P.M.	FUEL USED												
38000	166	820	60	163	830	65	100	159	540	140	145	154	410	24.5	200								
32000	160	1220	60	157	1250	4.5	85	154	930	9.0	115	149	810	15.0	145	144	370	24.0	190				
26000	152	1770	60	149	1830	3.0	80	146	1470	6.0	95	142	1350	9.5	115	137	850	14.0	135	132	360	23.0	170

  

GROSS WEIGHT LB.	LANDING DISTANCE FEET																			
	HARD DRY SURFACE				FIRM DRY SOIL				WET OR SLIPPERY											
		AT SEA LEVEL		AT 3000 FEET		AT 6000 FEET		AT SEA LEVEL		AT 3000 FEET		AT 6000 FEET								
		POWER OFF MPH	ETS	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.	GROUND ROLL 50' O.B.L.	TO CLEAR 50' O.B.L.							
34000	150	140	125	2000	3890	2200	4220	2410	4560	2350	4230	2560	4570	2810	4960	9110	7920	9920	8650	10800
26000	135	125	1540	3070	1680	3320	1840	3620	1800	3330	1960	3610	3150	3930	5540	7070	8050	7680	6630	8410

  

NOTE: HEADWIND CHART DISTANCES AS FOLLOWS: 100% WIND, 100% TAKE-OFF WITH 2000 RPM, 51 IN.HG., 4.30 DEG. FLAP IS 80% OF CHART VALUES. DATA AS OF 12-15-44. BASED ON FLIGHT TEST (RED VALUES CALCULATED).

NOTE: HEADWIND CHART DISTANCES AS FOLLOWS: 100% WIND, 100% TAKE-OFF WITH 2000 RPM, 51 IN.HG., 4.30 DEG. FLAP IS 80% OF CHART VALUES. DATA AS OF 12-15-44. BASED ON FLIGHT TEST (RED VALUES CALCULATED).

POWER PLANT SETTINGS: IDENTICAL TO FIG. 66 SECTION TITLE: 2400 RPM, 42 IN.HG. SHIFT TO HIGH BLOWER AT 9000 FEET. DATA AS OF 12-15-44. BASED ON FLIGHT TEST.

FUEL USED (U.S. GAL.) INCLUDES WARM-UP & TAKE-OFF ALLOWANCE.

REMARKS: 4450 ON FLIGHT TEST (RED VALUES CALCULATED).  
 1. I.A.S. INDICATED AIRSPEED  
 2. M.P.H. INDICATED HEAD WIND  
 3. E.T.S. FEET  
 4. F.P.M. FEET PER MINUTE  
 5. OPTIMUM LANDING IS 50% OF CHART VALUES  
 LEGEND

Figure 82 — Take-off, Climb, and Landing Chart