

AIRCRAFT MODEL(S) B-26B-1, B-26C R-2800-41 ENGINE(S): R-2800-43										FLIGHT OPERATION INSTRUCTION CHART CHART WEIGHT LIMITS: 36000 TO 33000 POUNDS										EXTERNAL LOAD ITEMS NONE NUMBER OF ENGINES OPERATING: TWO (2)																													
LIMITS		RPM		M.P.		MIXTURE POSITION		TIME		TOTAL G.P.M.		STATUTE		NAUTICAL		RANGE IN AIRMILES		FUEL		RANGE IN AIRMILES		STATUTE		NAUTICAL																									
WAR EMERG.		2700		52		LOW		A.R.		5		2000		540																																			
MILITARY POWER		2700		52		LOW		A.R.		5		2000		540																																			
COLUMN I										COLUMN II										COLUMN III										COLUMN IV										COLUMN V									
RANGE IN AIRMILES		U.S.		GAL.		STATUTE		NAUTICAL		SUBTRACT FUEL ALLOWANCES NOT AVAILABLE FOR CRUISING IN		STATUTE		NAUTICAL		RANGE IN AIRMILES		U.S.		STATUTE		NAUTICAL		RANGE IN AIRMILES		STATUTE		NAUTICAL																					
1485	1290	1992	1915	1665	2330	2025	2755	1880	2160	1765	1645	1895	1360	1565	1500	1270	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920																				
1380	1200	1932	1775	1540	2175	1880	2545	1540	2160	1765	1645	1895	1360	1565	1500	1270	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920																				
1305	1135	1700	1670	1450	2030	1765	2385	1450	2030	1765	1645	1895	1360	1565	1500	1270	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920																				
1225	1065	1600	1565	1360	1565	1500	1270	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670																				
1135	985	1500	1460	1270	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760																				
1060	920	1400	1355	1180	1640	1425	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800																				
990	860	1300	1255	1090	1515	1320	1770	1540	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070	1920	1670	1300	1200	1760	1530	1800	2070																				
910	790	1200	1150	1000	1390	1210	1620	1410	1100	1280	1185	1050	910	755	655	825	985	885	780	1050	1325	1185	1050	910	755	655	825	985	885																				
830	720	1100	1050	910	1265	1100	1475	985	885	780	1050	1325	1185	1050	910	755	655	825	985	885	780	1050	1325	1185	1050	910	755	655	825																				
755	655	1000	950	825	1135	985	1325	1185	1050	910	755	655	825	985	885	780	1050	1325	1185	1050	910	755	655	825	985	885	780	1050	1325																				
680	590	900	855	740	1020	885	1185	1050	910	755	655	825	985	885	780	1050	1325	1185	1050	910	755	655	825	985	885	780	1050	1325	1185																				
605	525	800	755	655	900	800	1050	910	755	655	825	985	885	780	1050	1325	1185	1050	910	755	655	825	985	885	780	1050	1325	1185	1050																				
MAXIMUM CONTINUOUS										PRESS				ALT.				M.P.				MIXTURE																											
R.P.M.		M.P.		INCHES		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.																					
2400	F.T.	A.R.	274	257	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	368	285	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	330	271	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	398	273	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	368	257	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
MAXIMUM AIR RANGE										PRESS				ALT.				M.P.				MIXTURE																											
R.P.M.		M.P.		INCHES		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.		T.A.S.																					
2400	F.T.	A.R.	274	257	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	368	285	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	330	271	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	398	273	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				
2400	F.T.	A.R.	368	257	2200	F.T.	A.R.	292	270	2150	F.T.	A.R.	202	218	2050	F.T.	A.R.	224	247	2100	F.T.	A.R.	228	249	2100	F.T.	A.R.	228	249																				

LEGEND

ALT. : PRESSURE ALTITUDE
M.P. : MANIFOLD PRESSURE
M.P.M. : MILES PER HOUR
T.A.S. : TRUE AIRSPEED
R.P.M. : REVOLUTIONS PER MINUTE
F.T. : FEET
A.L. : ALTITUDE
S.L. : SEA LEVEL

SPECIAL NOTES

(1) MAKE ALLOWANCE FOR WIND-UP-TAKE-OFF A CLIMB (SEE FIG. 82)
PLUS ALLOWANCE FOR WIND, RESERVE AND COMBAT AS REQUIRED.

USE HIGH BLOWER ABOVE HEAVY LINE.

EXAMPLE

at 36000 LB. GROSS WEIGHT WITH 1600 GAL. OF FUEL
(AFTER DEDUCTING TOTAL ALLOWANCES OF 60 GAL.)
TO FLY 2225 STAT. AIRMILES AT 5000 FT. ALTITUDE
MAINTAIN 2050 RPM AND F.T. MANIFOLD PRESSURE
WITH MIXTURE SET: A.L.

LEGEND

ALT. : PRESSURE ALTITUDE
M.P. : MANIFOLD PRESSURE
GPM : U.S. GAL. PER HOUR
TAS : TRUE AIRSPEED
WTS. : WEIGHTS
S.L. : SEA LEVEL
F.T. : FULL THROTTLE
A.L. : FULL RICH
A.R. : AUTO-RICH
A.L. : AUTO-LEAN
C.L. : CRUISING LEAN
W.L. : WING LEAN
F.T. : FULL THROTTLE

EXAMPLE

at 36000 IN. GROSS WEIGHT WITH 1600 GAL. OF FUEL
(AFTER DEDUCTING TOTAL ALLOWANCES OF 60 GAL.)
TO FLY 2225 STAT. AIRMILES AT 5000 FT. ALTITUDE
MAINTAIN 2050 RPM AND F.T. MANIFOLD PRESSURE
WITH MIXTURE SET: A.L.

SPECIAL NOTES

(1) MAKE ALLOWANCE FOR WIND-UP, TAKE-OFF & CLIMB (SEE FIG. 82)
PLUS ALLOWANCE FOR WIND, RESERVE AND COMBAT AS REQUIRED.

USE HIGH BLOWER ABOVE HEAVY LINE.

DATA AS OF 12-15-44 BASED ON: FLIGHT TEST

Figure 83 (Sheet 2 of 5 Sheets) — Flight Operation Instruction Chart—Two Engine