

5-14

October 1979

TAKE-OFF DISTANCE
2200 LBS

ASSOCIATED CONDITIONS
POWER FULL THROTTLE
FLAPS UP
RUNWAY LEVEL, DRY,
PAVED SURFACE
WEIGHT 2200 POUNDS

EXAMPLE
OAT 15° F
PRESSURE ALTITUDE 4000 FEET
HEADWIND 10 KNOTS
GROUND ROLL 959 FEET
TOTAL DISTANCE 1696 FEET

Sea Level				2000 Ft.			4000 Ft.			6000 Ft.			8000 Ft.		
Wind Vel KTS	Oat F°	Grnd Run Ft.	To Clear 50' Obst Ft.	Oat F°	Grnd Run Ft.	To Clear 50' Obst Ft.	Oat F°	Grnd Run Ft.	To Clear 50' Obst Ft.	Oat F°	Grnd Run Ft.	To Clear 50' Obst Ft.	Oat F°	Grnd Run Ft.	To Clear 50' Obst Ft.
-10	30	1133	1940	20	1276	2246	15	1499	2553	10	1713	3004	0	2024	3547
	59	1371	2412	52	1608	2706	45	1864	3142	38	2166	3689	30	2601	4257
	90	1703	2838	80	1987	3443	75	2317	3784	70	2744	4070	60	3180	5202
0	30	777	1392	20	902	1604	15	1052	1857	10	1235	2161	0	1461	2541
	59	984	1730	52	1147	2000	45	1344	2323	38	1581	2714	30	1878	3203
	90	1219	2104	80	1424	2439	75	1672	2843	70	1972	3331	60	2350	3943
10	30	703	1272	20	815	1464	15	959	1696	10	1114	1987	0	1328	2337
	59	895	1573	52	1045	1835	45	1227	2139	38	1449	2503	30	1715	2405
	90	1109	1929	80	1303	2238	75	1298	2609	70	1812	3072	60	2166	3628
30	30	556	1031	20	642	1183	15	770	1372	10	874	1637	0	1059	1930
	59	718	1258	52	841	1505	45	993	1769	38	1183	2081	30	1391	2412
	90	889	1580	80	1059	1836	75	1206	2147	70	1490	2553	60	1798	2999

NOTE: Minus sign indicates tailwind.

A23-19-KCI-1

Section V
Performance

BEECHCRAFT Sport III
Musketeer A23-19, 19A