NORMAL TAKE-OFF

ASSOCIATED CONDITION:

POWER	TAKE-OFF POWER SET PRIOR TO BRAKE RELEASE
FLAPS	UP
COWL FLAPS	OPEN
RUNWAY	PAVED, LEVEL, DRY SURFACE
TAKE-OFF SPEED	IAS AS TABULATED

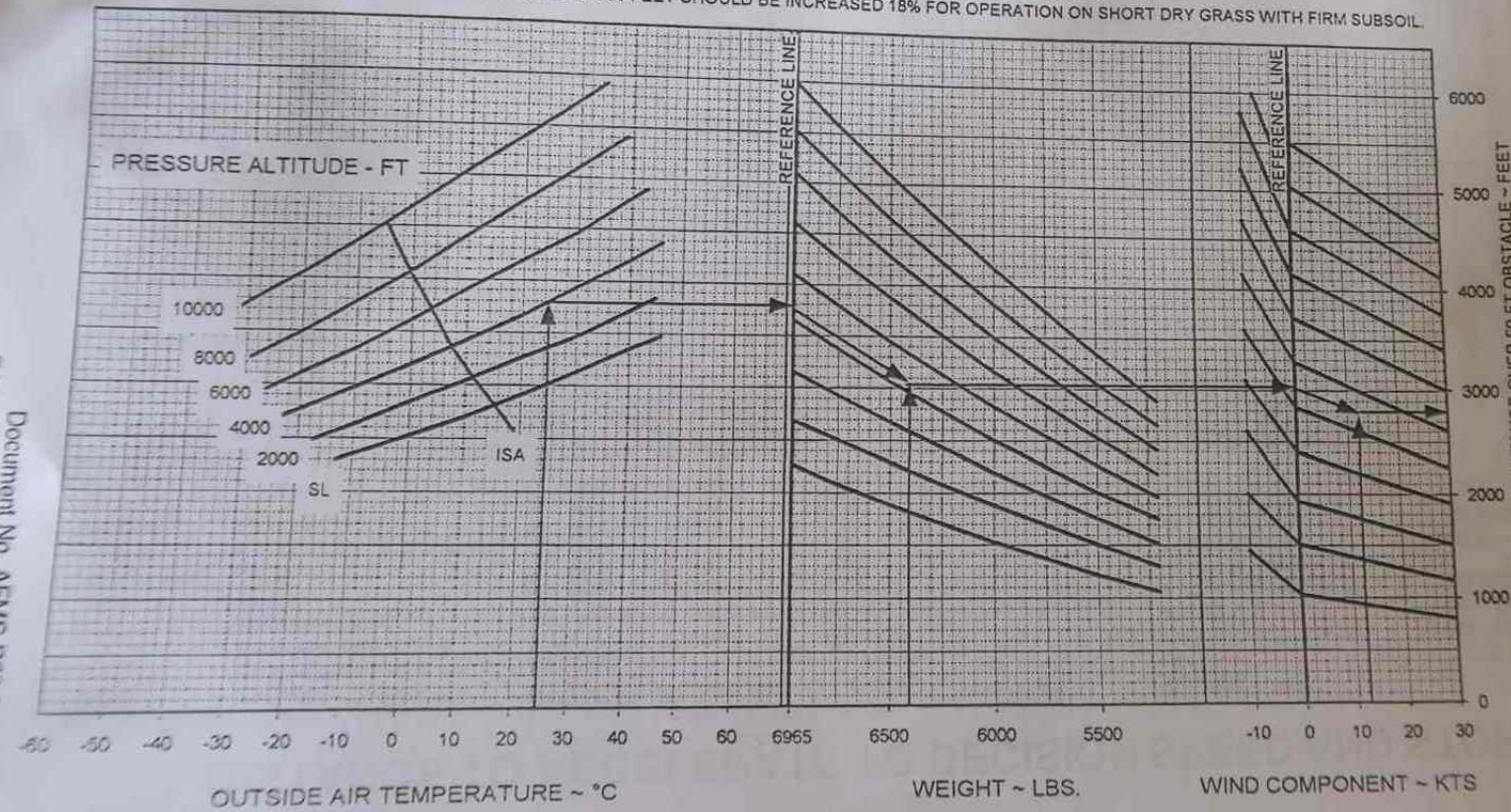
WEIGHT POUNDS	TAKE-OFF SPEED (ASSUMES ZERO INST. ERROR)			
	LIFT-OFF		50 FT	
	MPH	KTS	MPH	KTS
6965	108	94	108	94
6775	108	94	108	94
6400	107	93	107	93
6000	106	92	106	92
5600	104	90	104	90
5200	102	89	102	89

EXAMPLE:

OAT	25 °C
PRESSURE ALTITUDE	4000 FT
TAKE-OFF WEIGHT	6400 LBS
HEADWIND COMPONENT	12 KTS
TOTAL DISTANCE	2800 FT
GROUND ROLL (79% OF 2800)	2212 FT
TAKE-OFF SPEED	
LIFT-OFF	93 KIAS
50 FT	93 KIAS

NOTE: 1. GROUND ROLL IS APPROXIMATELY 79% OF TOTAL TAKE-OFF DISTANCE OVER 50 FOOT OBSTACLE.
2. THE TOTAL DISTANCES SHOWN OVER 50 FEET SHOULD BE INCREASED 18% FOR OPERATION ON SHORT DRY GRASS WITH FIRM SUBSOIL.

B60TODO.SG1



Boundary Layer Research, Inc.

Airplane Flight Manual Supplement
Gross Weight Increase for: BEECHCRAFT Duke 60 Equipped with:
Vortex Generator System, Serial Number P-3 through P-597

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