



SCHOFIELDS FLYING CLUB

Piper Archer PA28 - 181

PERFORMANCE AND LOADING CHARTS



WEIGHT AND BALANCE

The aircraft must be operated within balance limits, at or below maximum take-off weight at all times.

Basic Weight includes full oil and unusable fuel

	Basic Weight kg	Arm mm aft of Datum	Index Unit kg.mm
VH-SFR	761.4	2218	1688623
VH-SFA	717.4	2222	1593975
VH-NRB	751	2243	1684673
VH-NRF	748	2261	1691170

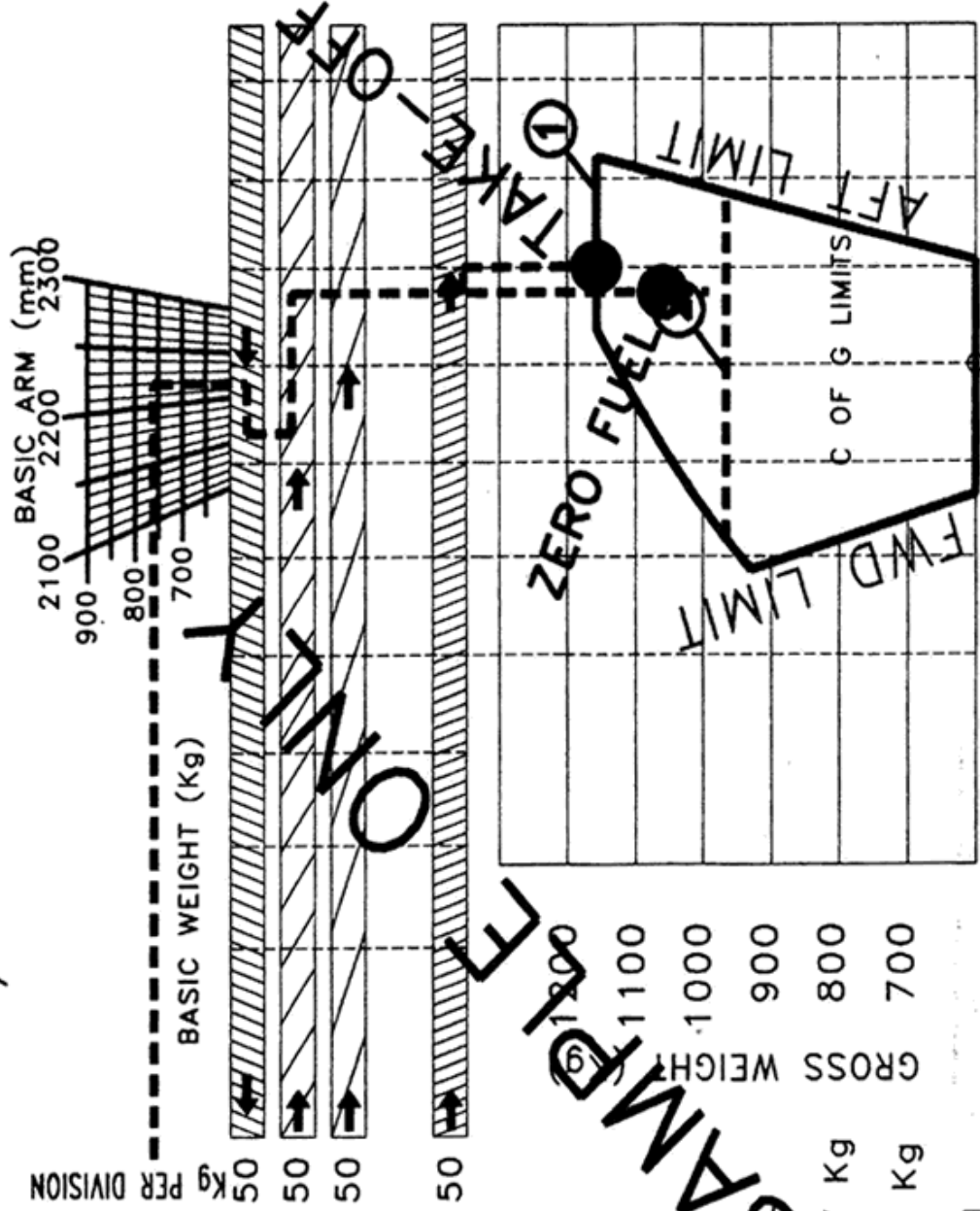
Schofields Flying Club Ltd does not accept responsibility for the accuracy or veracity of the data contained in these charts or document.

It is the hirer's responsibility to confirm data by referring to the Pilot Operating Handbook and the Flight Manual for the specific aircraft.

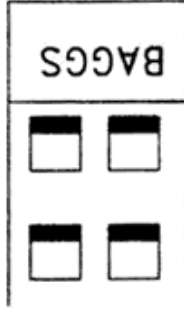
LOAD CHART BC/PA181/1 PIPER PA28-181 ARCHER

*APPLICABLE TO ALL PA28-181 ARCHER II AND III AIRCRAFT S/N 28-769001 AND ON.

BASIC WEIGHT	761
PILOT/CO-PILOT	180
REAR SEATS	120
BAGGS (MAX 90.7)	—
ZERO FUEL WEIGHT	1061
FUEL (MAX 130)	96
TAKE-OFF WEIGHT	1157
FUEL BURN-OFF	50
LANDING WEIGHT	1107



MAXIMUM TAKE-OFF WEIGHT
 ① NORMAL — 1157 Kg
 ② UTILITY - - - 966 Kg



LOAD CHART BC/PA181/1 PIPER PA28-181 ARCHER

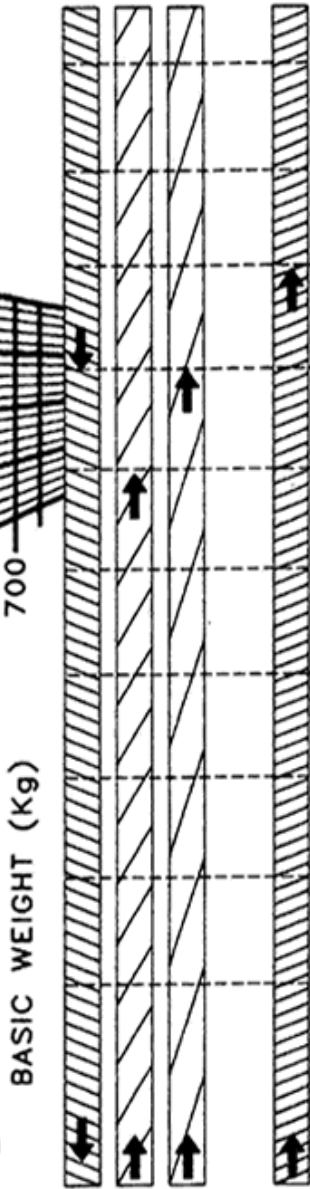
*APPLICABLE TO ALL PA28-181 ARCHER II AND III AIRCRAFT S/N 28-7690001 AND ON.

AeroWeigh Pty. Ltd.
BRUCE CLISSOLD
 AUTHORITY NUMBER AN-9
 PHONE 9791 9367 A.H. 9645 1482
 MOBILE 018 235 622

BASIC ARM (mm)
 2100
 2200
 2300
 900
 800
 700

50 kg PER DIVISION

BASIC WEIGHT	
PILOT/CO-PILOT	
REAR SEATS	
BAGGS (MAX 90.7)	
ZERO FUEL WEIGHT	
FUEL (MAX 130)	
TAKE-OFF WEIGHT	
FUEL BURN-OFF	
LANDING WEIGHT	

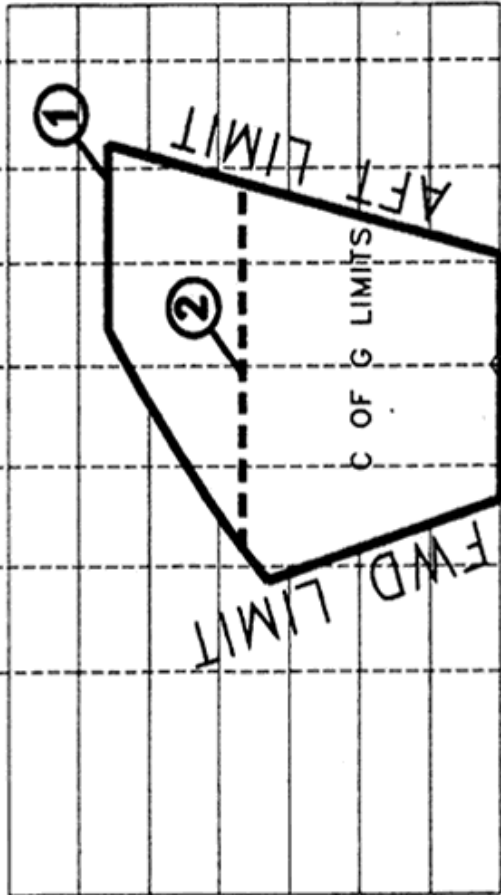
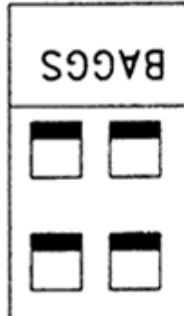


GROSS WEIGHT (kg)
 1200
 1100
 1000
 900
 800
 700

MAXIMUM TAKE-OFF WEIGHT

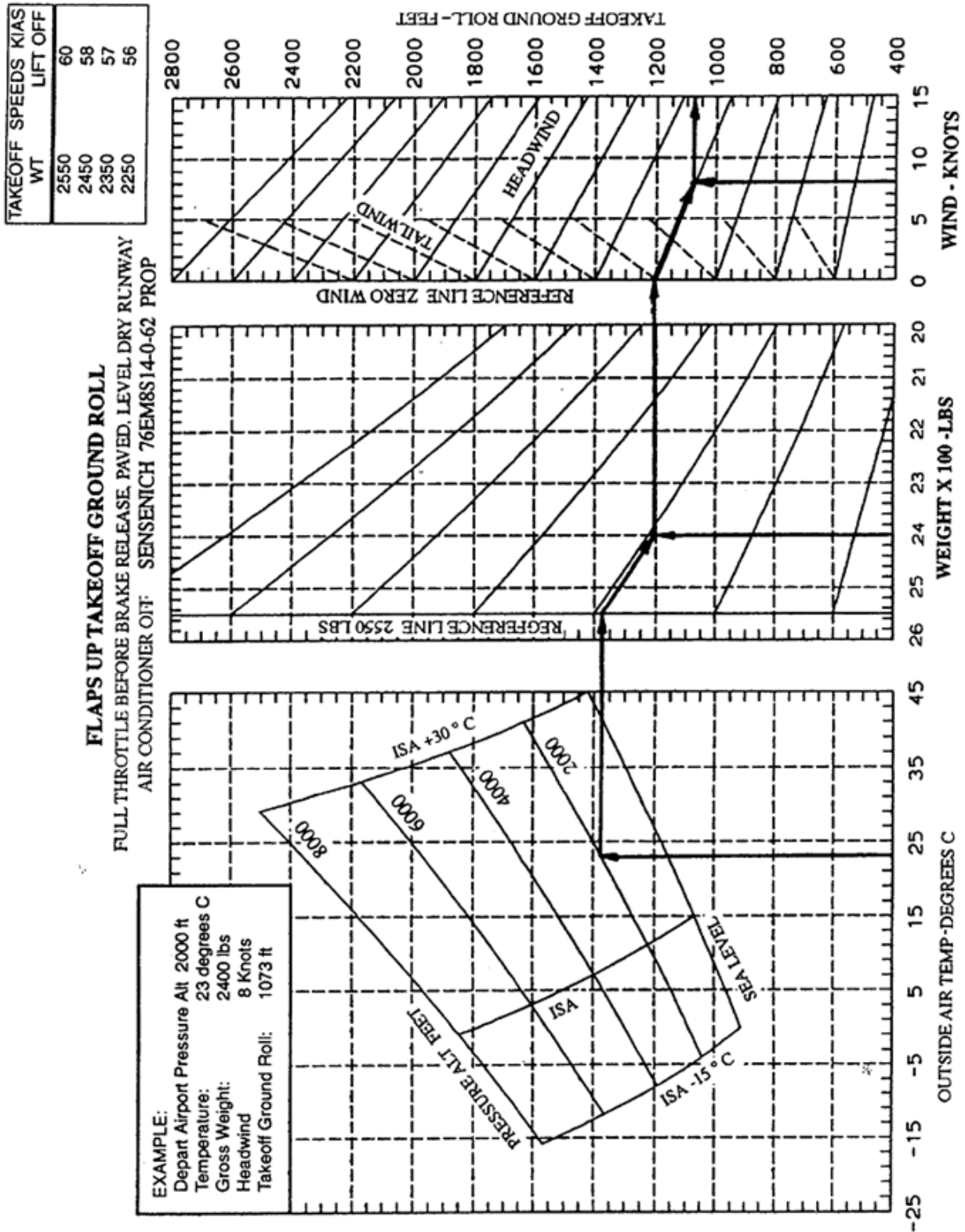
① NORMAL — 1157 Kg

② UTILITY - - - 966 Kg



**SECTION 5
PERFORMANCE**

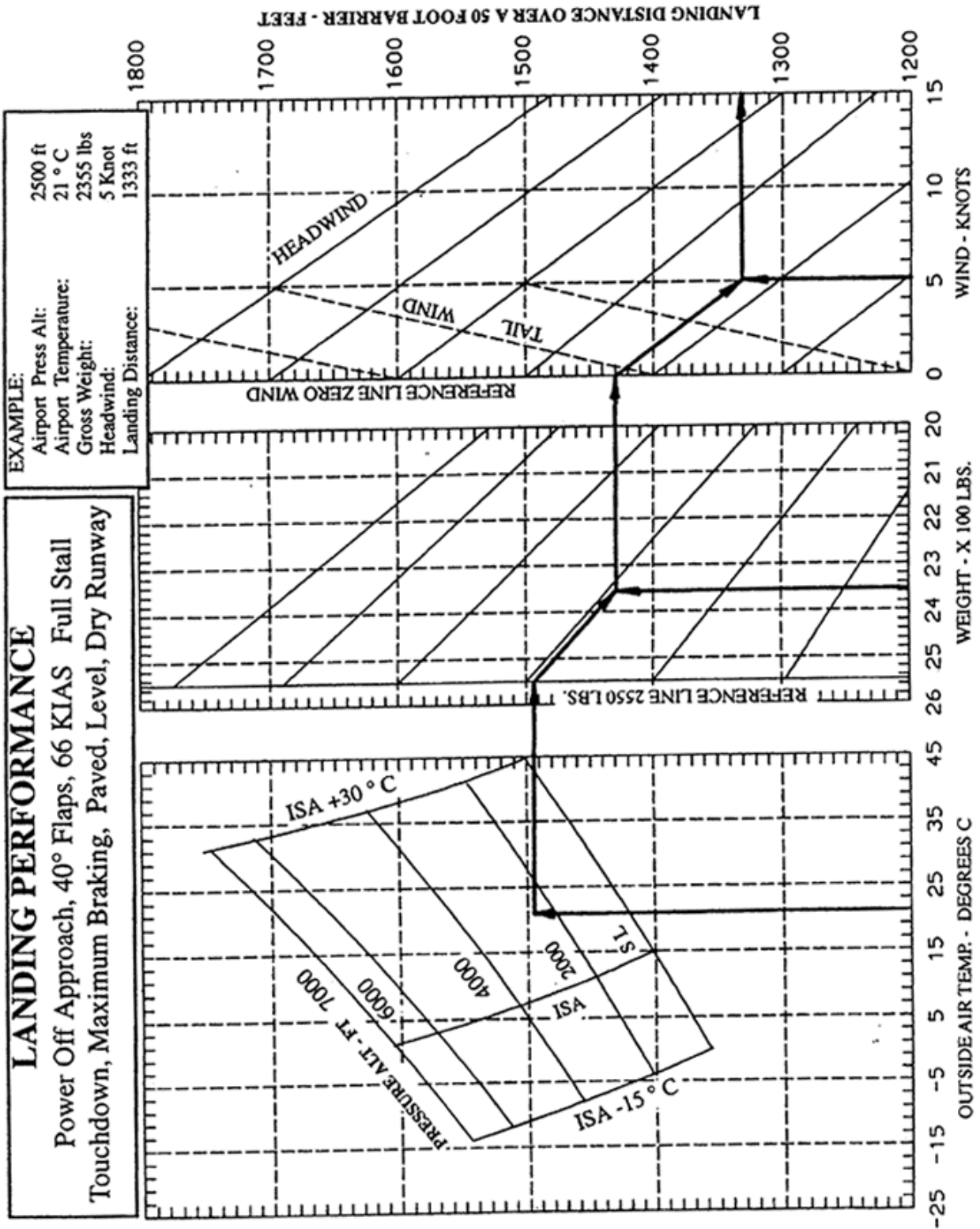
PA-28-181, ARCHER III



FLAPS UP TAKEOFF GROUND ROLL

Figure 5-11

NOTE: Refer to the Pilot's Operating Handbook to obtain Take-off Distance required. The take-off distance required must be factored in accordance with CAO 20.7.4



LANDING PERFORMANCE

Figure 5-35

NOTE: Refer to the Pilot's Operating Handbook to obtain Landing Distance required. The Landing Distance required must be factored in accordance with CAO 20.7.4