



**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

	<b>Basic Weight</b> kg	<b>Arm</b> mm aft of Datum	<b>Index Unit</b> kg.mm
<b>VH-SFR</b>	761.4	2218	1688623
<b>VH-SFA</b>	717.4	2222	1593975

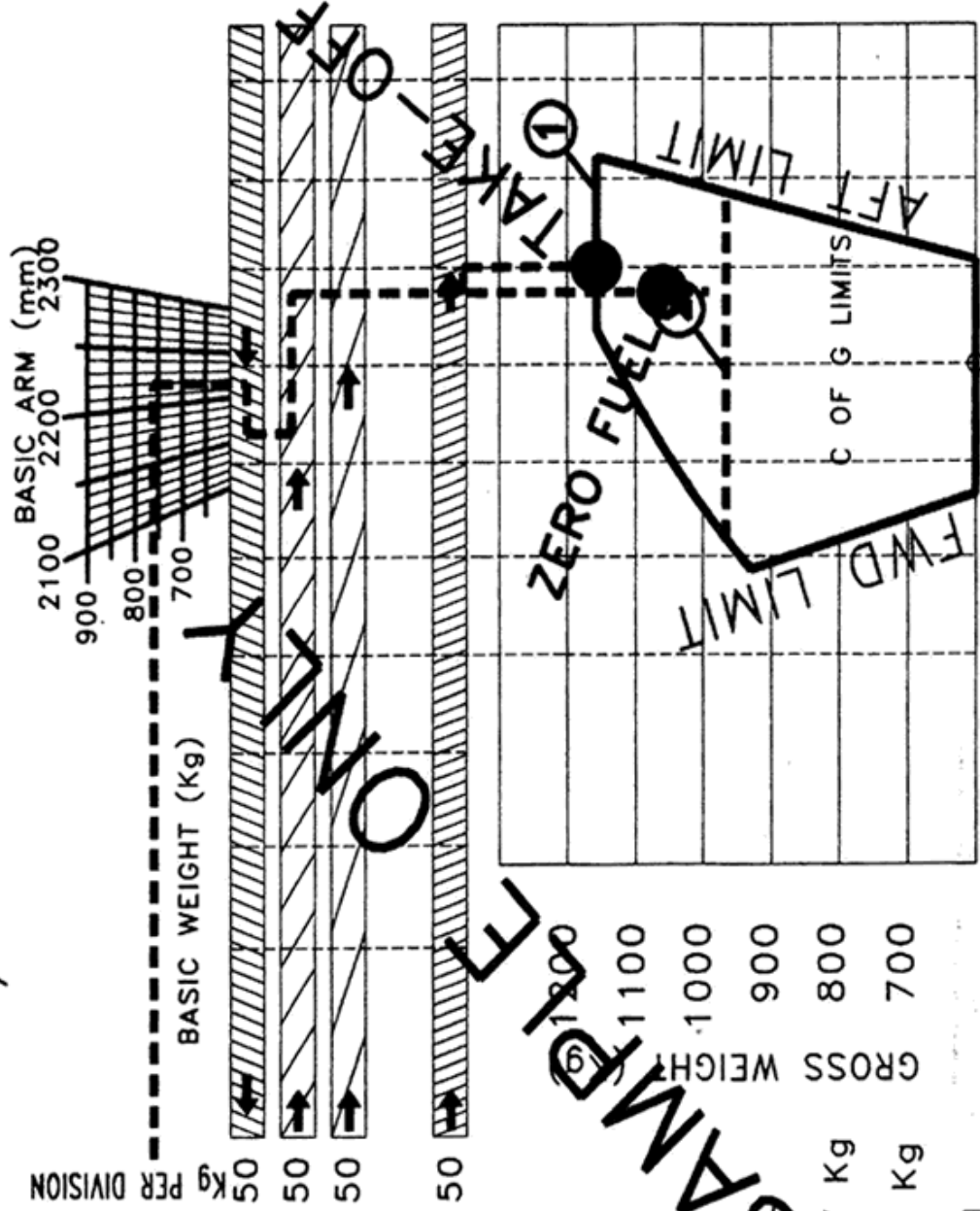
Schofields Flying Club Ltd does not accept responsibility for the accuracy or veracity of the data contained in these charts or document.

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

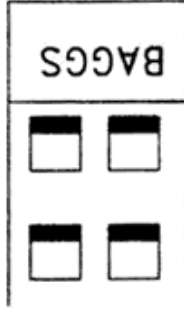
# LOAD CHART BC/PA181/1 PIPER PA28-181 ARCHER

\*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.

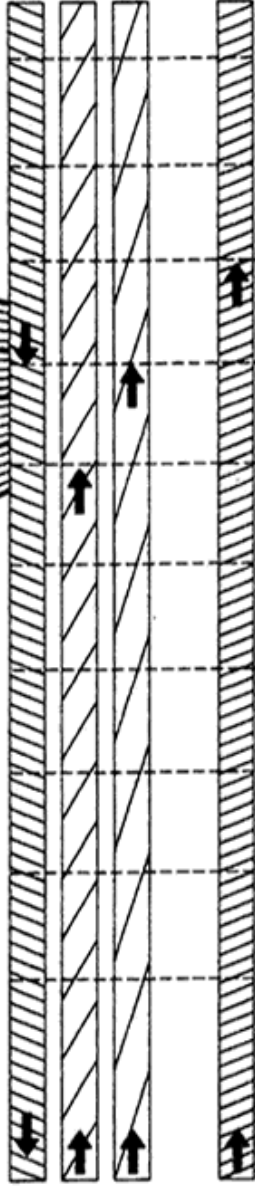
**AeroWeigh Pty. Ltd.**  
**BRUCE CLISSOLD**  
 AUTHORITY NUMBER AN-9  
 PHONE 9791 9367 A.H. 9645 1482  
 MOBILE 018 235 622

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	

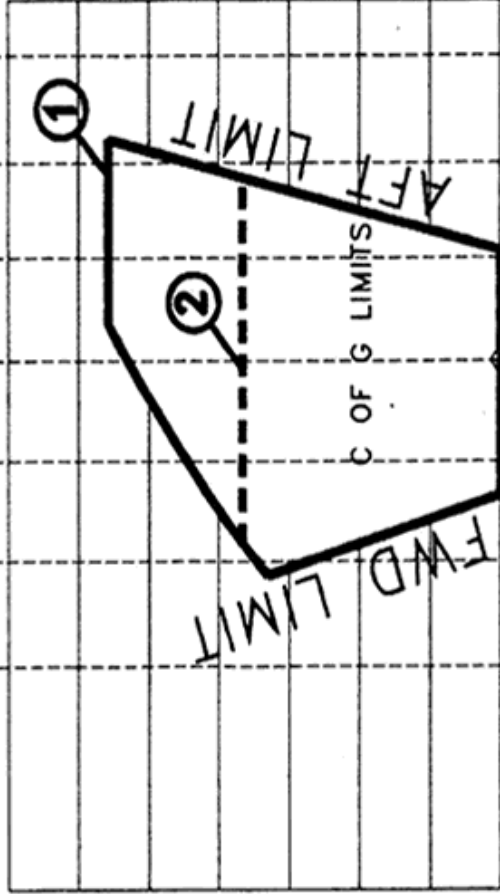
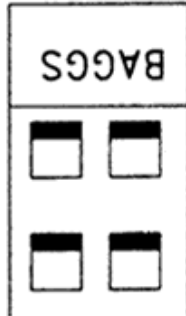
BASIC WEIGHT (Kg)



1200  
 1100  
 1000  
 900  
 800  
 700  
 GROSS WEIGHT (kg)

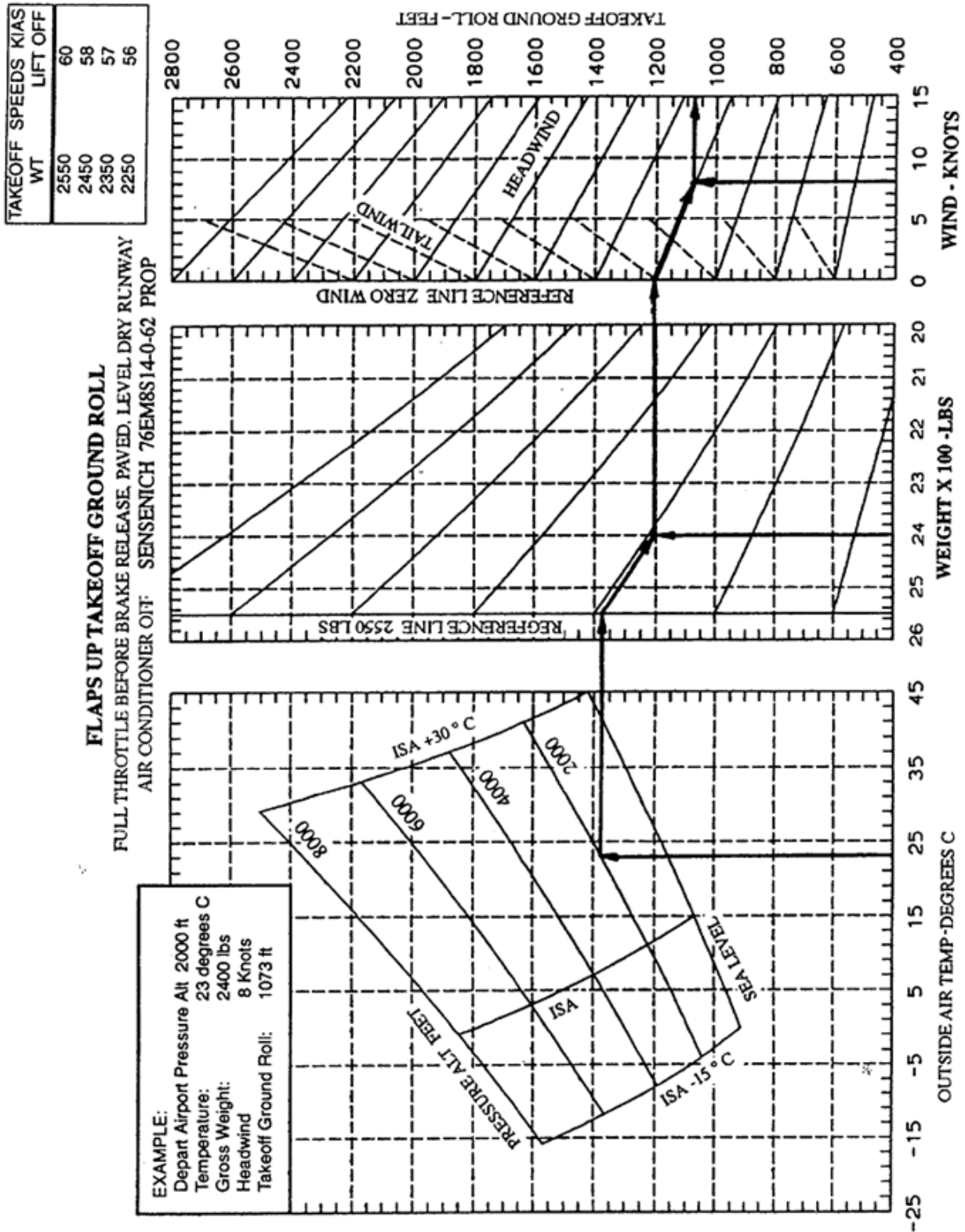
MAXIMUM TAKE-OFF WEIGHT

- ① NORMAL — 1157 Kg
- ② UTILITY - - - 966 Kg



**SECTION 5  
PERFORMANCE**

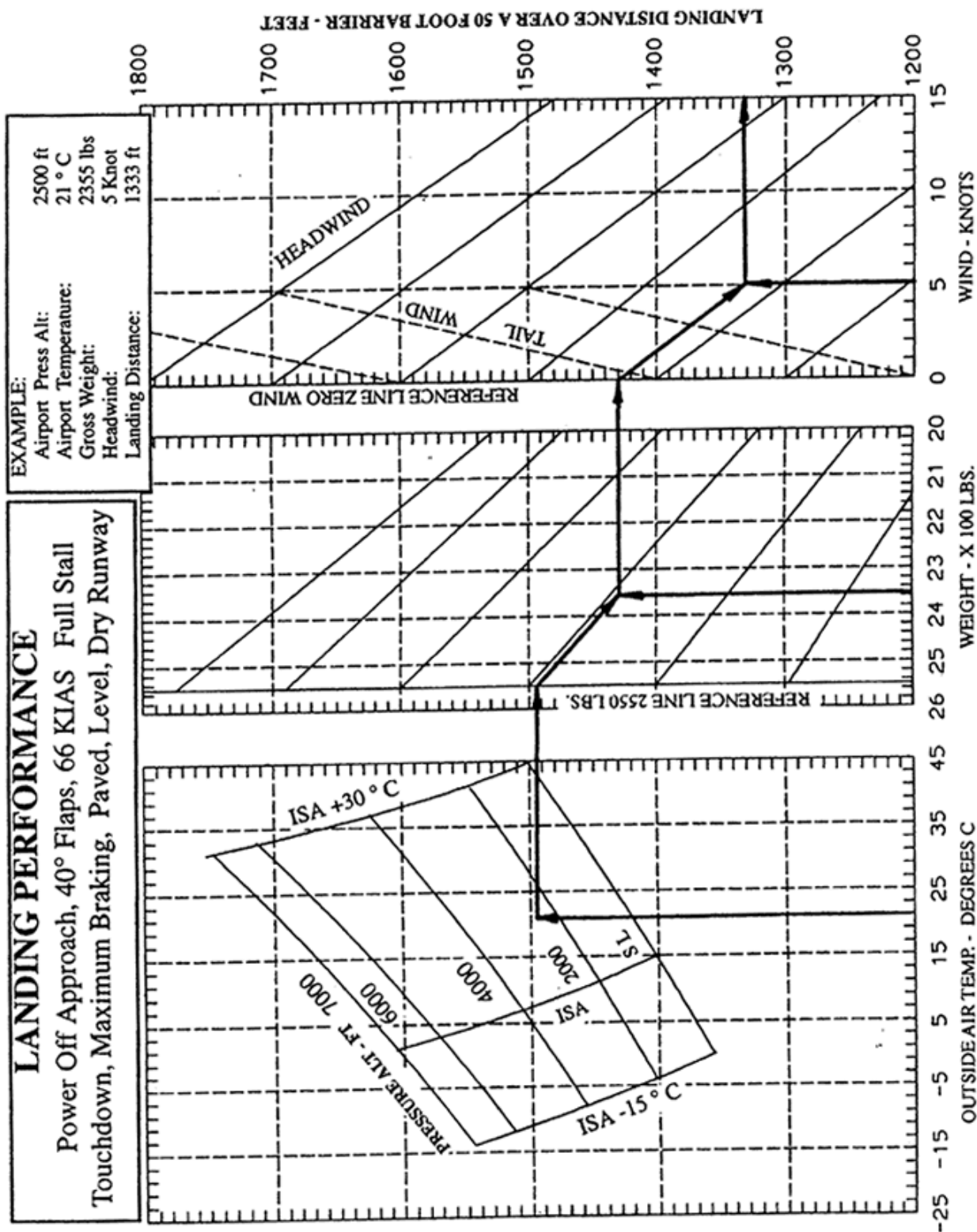
**PA-28-181, ARCHER III**



**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