



SCHOFIELDS FLYING CLUB

Piper Arrow III

## 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-SFJ</b>	803.0	2168	1741245

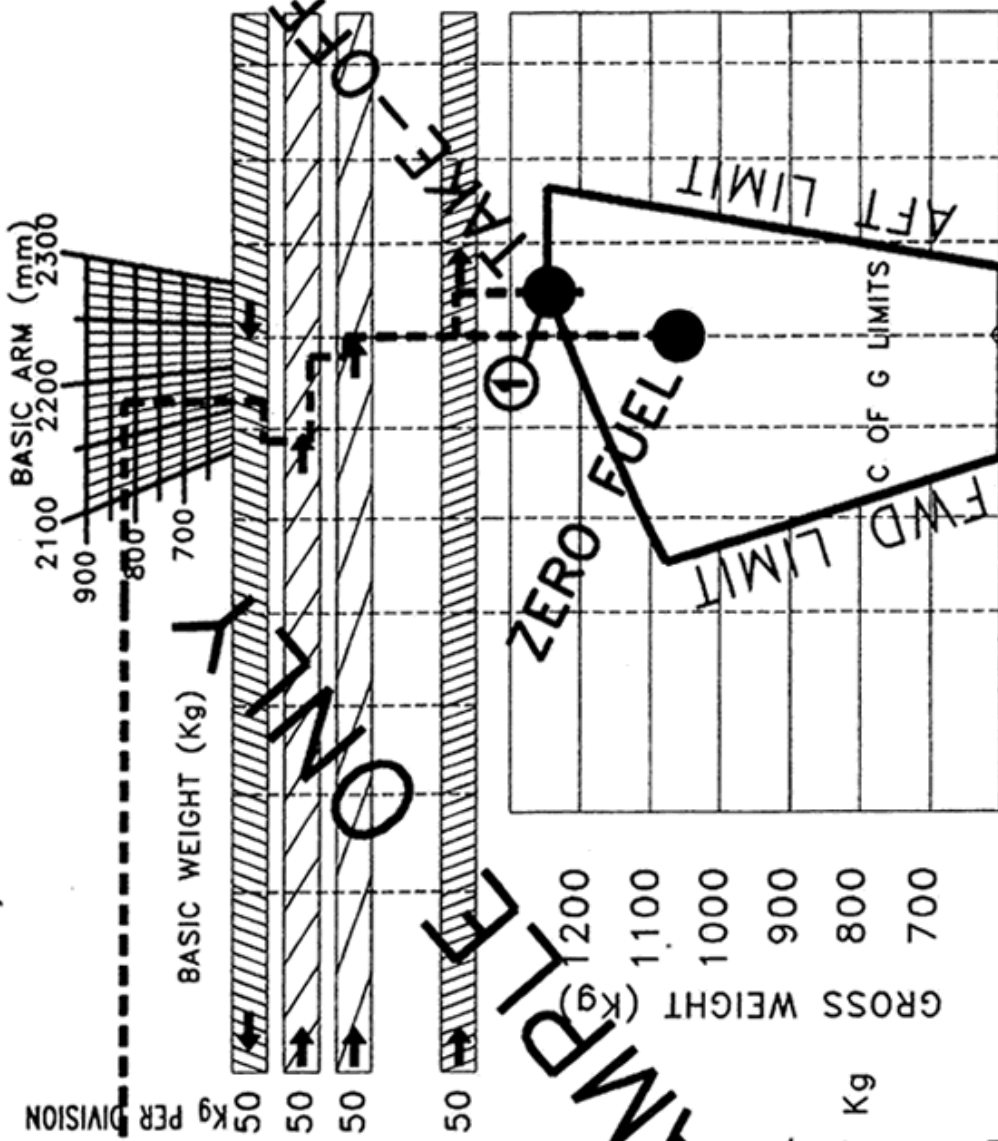
Schofields Flying Club Ltd does not accept responsibility for the accuracy or veracity of the data contained in these charts or document.

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/PAR201/1 PIPER PA28R-201 ARROW

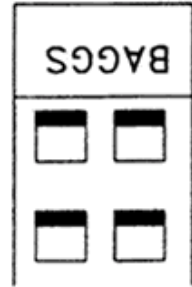
\*APPLICABLE TO ALL PA28R-201  
ARROW III AIRCRAFT.

BASIC WEIGHT	821
PILOT/CO-PILOT	154
REAR SEATS	77
BAGGS (MAX 90.7)	10
ZERO FUEL WEIGHT	1062
FUEL (MAX 193)	185
TAKE-OFF WEIGHT	1247
FUEL BURN-OFF	100
LANDING WEIGHT	1147



MAXIMUM TAKE-OFF WEIGHT

① NORMAL — 1247 Kg



# LOAD CHART BC/PAR201/1 PIPER PA28R-201 ARROW

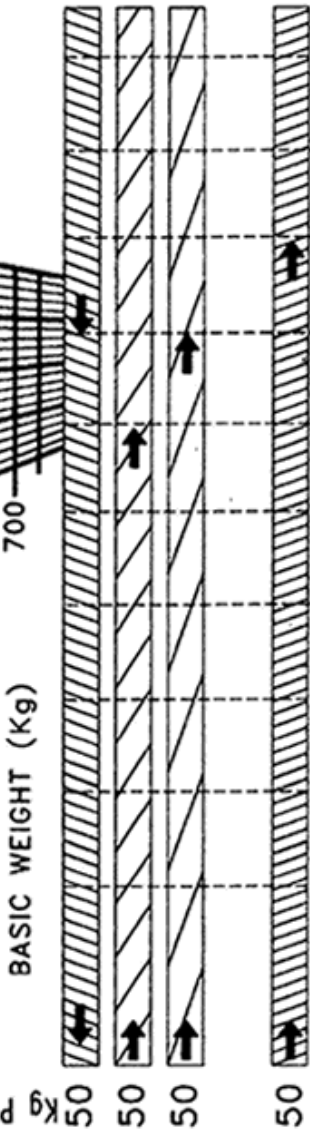
\*APPLICABLE TO ALL PA28R-201 ARROW III AIRCRAFT.

AeroWeigh Pty Ltd.  
 BRUCE GIBBOLD  
 AUTHORITY NUMBER AN-9  
 PHONE 9791 9387 A.H. 9645 1482  
 MOBILE 018 295 622

BASIC ARM (mm)  
 2100  
 2200  
 2300  
 900  
 800  
 700

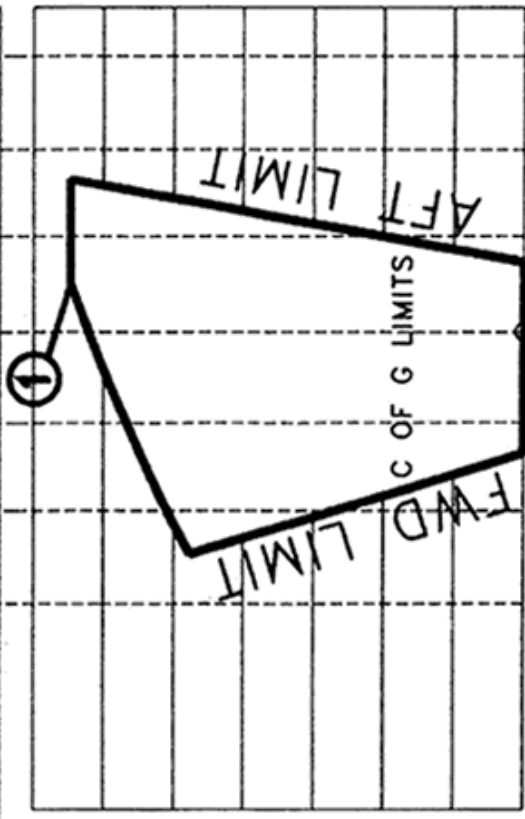
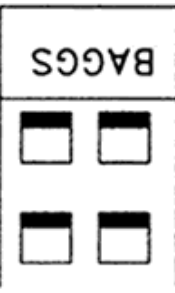
Kg PER DIVISION

BASIC WEIGHT	
PILOT/CO-PILOT	
REAR SEATS	
BAGGS (MAX 90.7)	
ZERO FUEL WEIGHT	
FUEL (MAX 193)	
TAKE-OFF WEIGHT	
FUEL BURN-OFF	
LANDING WEIGHT	



GROSS WEIGHT (kg)  
 1200  
 1100  
 1000  
 900  
 800  
 700

MAXIMUM TAKE-OFF WEIGHT  
 ① NORMAL — 1247 Kg

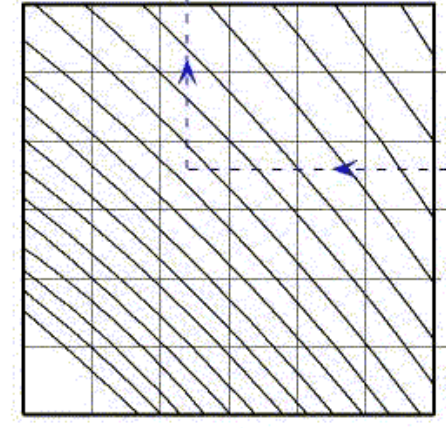
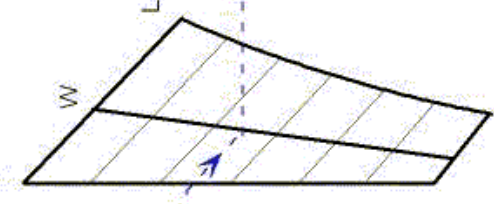
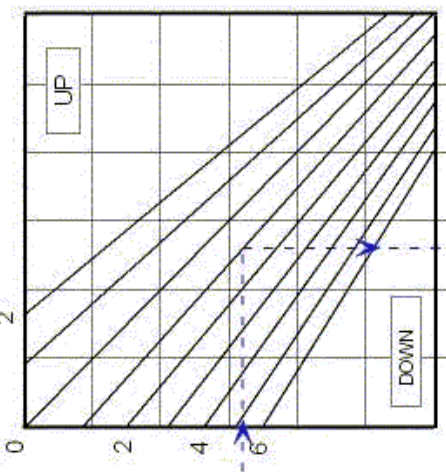


TAKE-OFF DISTANCE AVAILABLE - METRES

SURFACE

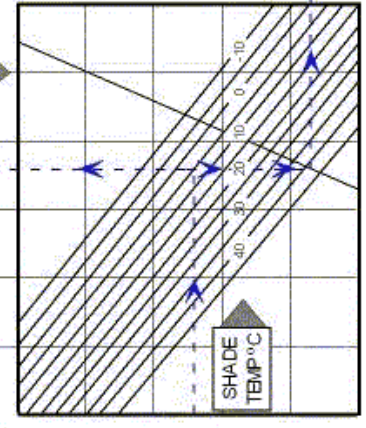
SLOPE - PERCENT

**SURFACE CONDITIONS**  
 D - SHORT DRY GRASS  
 W - SHORT WET OR LONG DRY GRASS  
 L - LONG WET GRASS



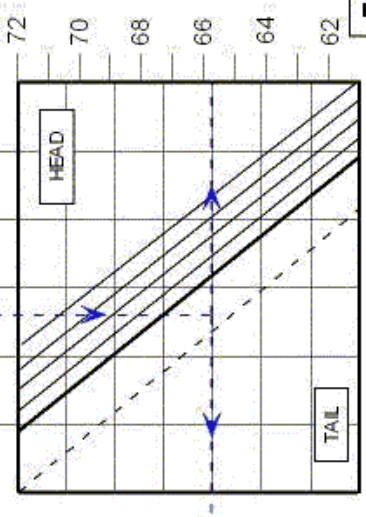
START HERE  
 AIRFIELD PRESSURE HEIGHT - FEET

CLIMB WEIGHT LIMIT



TAKE-OFF WEIGHT SHALL NOT EXCEED THE LESSER OF (A) AND (B)

TAKE-OFF SAFETY SPEED - KT IAS



**TAKE-OFF WEIGHT CHART**  
 PIPER PA-28R-201  
 POWER - SEE FLIGHT MANUAL  
 FLAP SETTING - 0 DEGREES  
 DISTANCE FACTOR - 1.15  
 DRAWN - PIW 23-01-2009

TAKE-OFF WEIGHT - KG

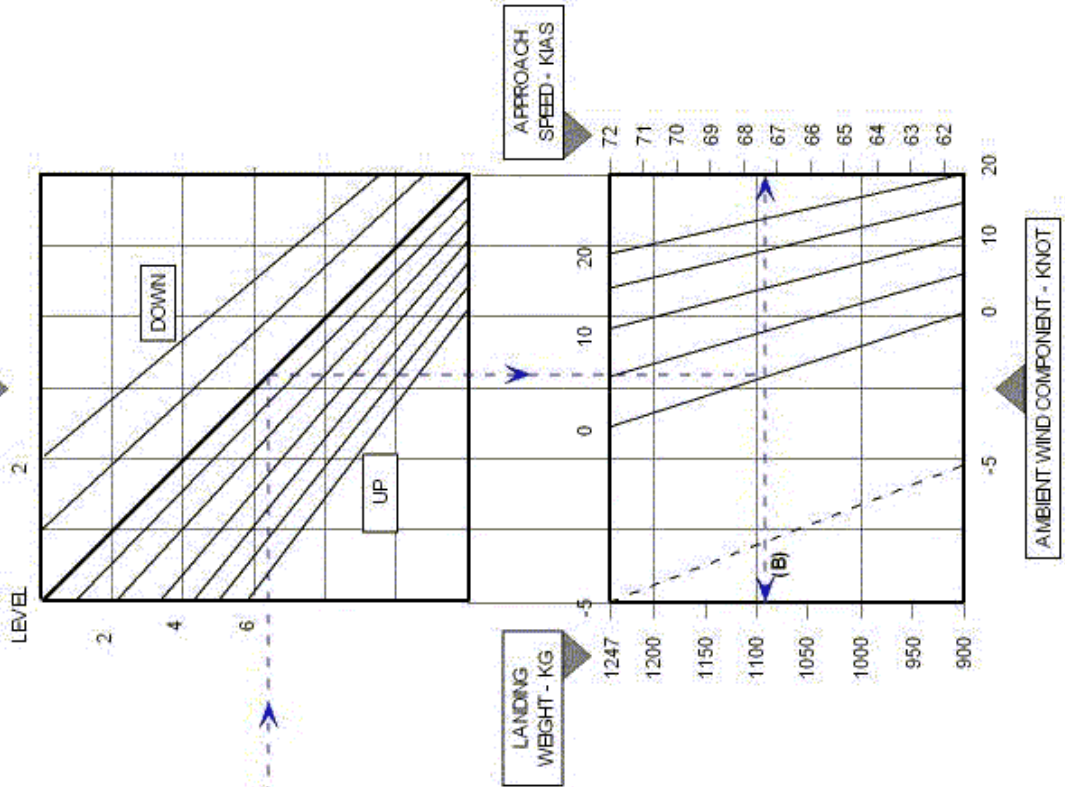
DENSITY HEIGHT - FEET

AMBIENT WIND COMPONENT KT

**TAKE-OFF WEIGHT CHART**  
 PIPER ARROW II and III

LANDING DISTANCE AVAILABLE - METRES

SLOPE - PERCENT



LEVEL

2

4

6

DOWN

UP

LANDING WEIGHT - KG

1247

1200

1150

1100

1050

1000

950

900

-5

0

10

20

APPROACH SPEED - KIAS

72

71

70

69

68

67

66

65

64

63

62

AMBIENT WIND COMPONENT - KNOT

-5

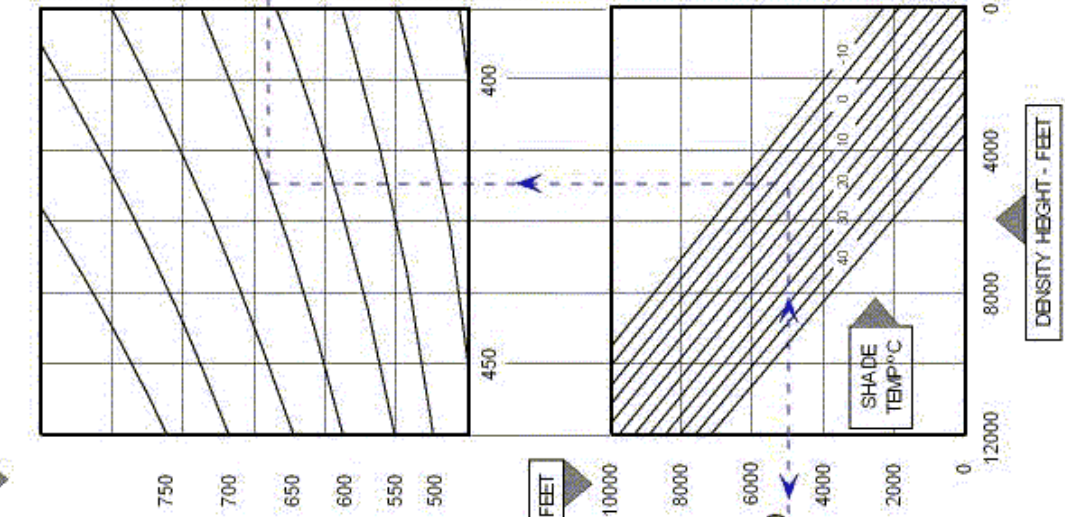
0

10

20

LANDING DISTANCE AVAILABLE - METRES

SLOPE - PERCENT



750

700

650

600

550

500

START HERE

AIRFIELD PRESSURE HEIGHT - FEET

10000

8000

6000

4000

2000

0

12000

8000

4000

0

400

450

900

1000

1100

1200

BAULKED LANDING CLIMB WEIGHT LIMIT - KG

(A)

40

30

20

10

0

SHADE TEMP °C

-40

-30

-20

-10

0

10

DENSITY HEIGHT - FEET

12000

8000

4000

0

**NOTE**  
 MAX. LANDING WEIGHT - 1247  
 THE LANDING WEIGHT MUST BE  
 THE LESSER OF THE WEIGHTS  
 (A) OR (B).

**LANDING WEIGHT CHART**  
 PIPER PA-28R-201  
 FLAP SETTING 40 DEGREES  
 APPROACH SPEED SEE CHART  
 DISTANCE FACTOR 1.15  
 DRAWN PW 24-01-09

# LANDING WEIGHT CHART PIPER ARROW II and III