



SCHOFIELDS FLYING CLUB

Piper Arrow IV

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-LSG	838	2273	1905380
VH-FFL	826	2240	1851311

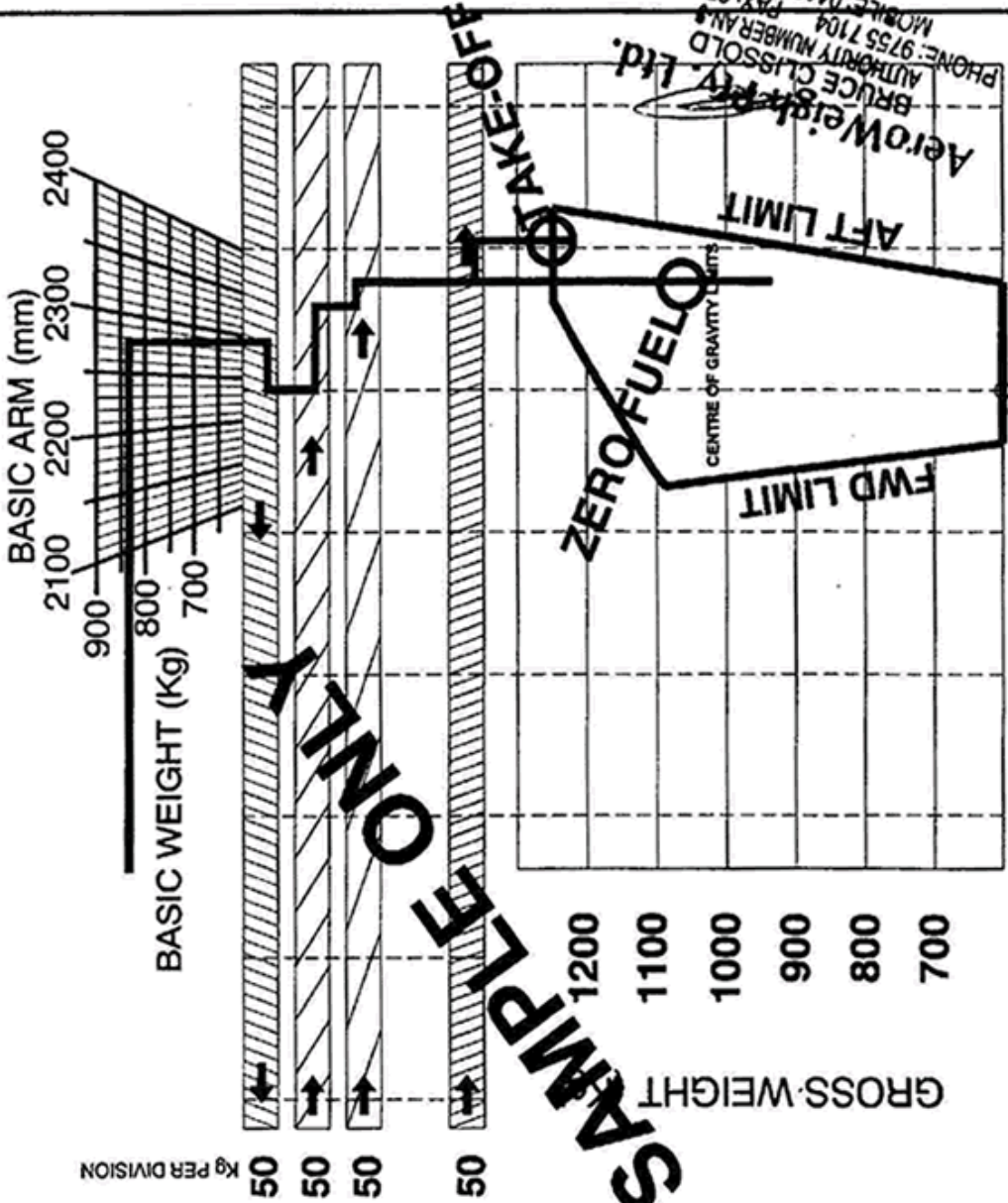
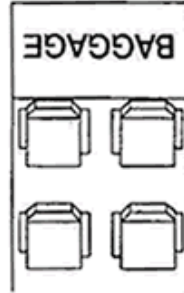
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It is the hirer's responsibility to confirm data by referring to the Pilot Operating Handbook and the Flight Manual for the specific aircraft.

LOAD CHART BC/PART201/1 PIPER PA28RT-201 ARROW IV

APPLICABLE TO ALL PA28RT-201
ARROW IV AIRCRAFT

BASIC EMPTY WEIGHT	821
PILOT/CO-PILOT	154
ROW 2 SEATS	77
REAR BAGG (MAX 90.7 Kg)	10
ZERO FUEL WEIGHT	1062
WING FUEL (MAX 193)	185
TAKE-OFF WEIGHT	1247
FLIGHT FUEL	100
LANDING WEIGHT	1147



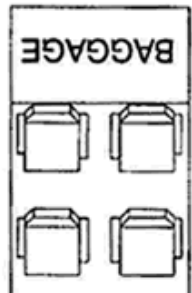
MAX TAKE-OFF 1247 Kg

Aeroweight Pty. Ltd.
 BRUCE CLASSOLD
 AUTHORITY NUMBER 144
 PHONE: 9755 7104 FAX: 9755 7126
 MOBILE: 0412 58 5551

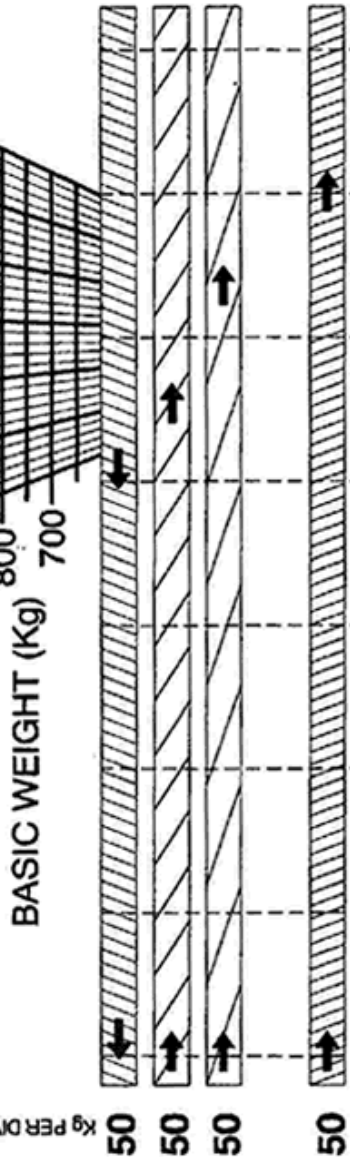
LOAD CHART BC/PART201/1 PIPER PA28RT-201 ARROW IV

APPLICABLE TO ALL PA28RT-201
ARROW IV AIRCRAFT

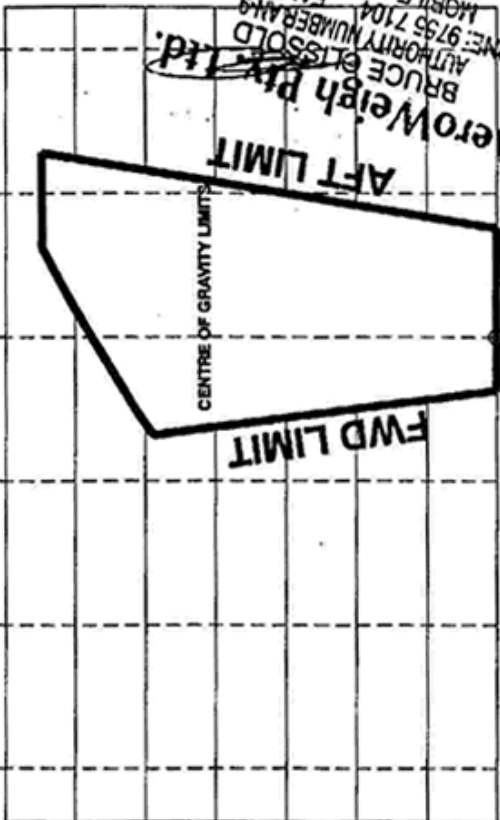
BASIC EMPTY WEIGHT	
PILOT/CO-PILOT	
ROW 2 SEATS	
REAR BAGG (MAX 90.7 Kg)	
ZERO FUEL WEIGHT	
WING FUEL (MAX 193)	
TAKE-OFF WEIGHT	
FLIGHT FUEL	
LANDING WEIGHT	



BASIC ARM (mm)
2100 2200 2300 2400



GROSS WEIGHT (kg)
1200
1100
1000
900
800
700



MAX TAKE-OFF 1247 Kg

AeroWeigh Pty. Ltd.
BRUCE ELISSOLD
AUTHORITY NUMBER 9
PHONE: 9755 7104 FAX: 9755 7126
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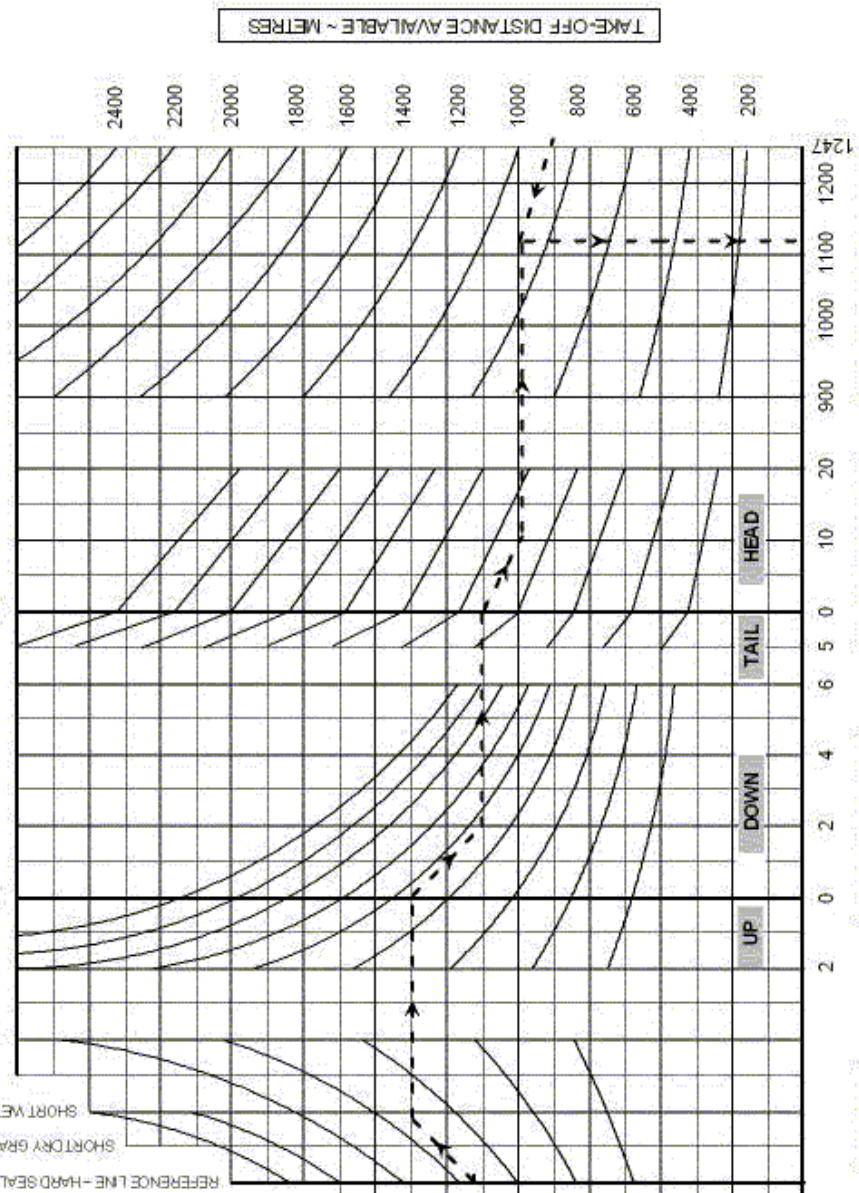
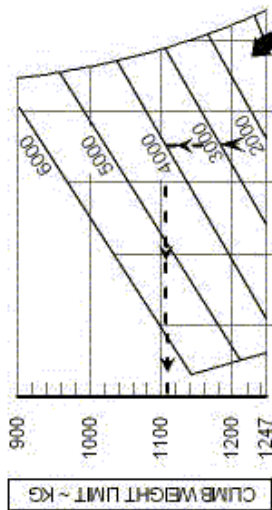
TAKE-OFF WEIGHT CHART

PIPER PA28RT - 201 ARROW IV

CONDITIONS
 FLAP ~ ZERO
 TAKE-OFF SAFETY SPEED ~ 71 KIAS
 POWER ~ FULL THROTTLE 2700 RPM
 CHART DISTANCE FACTOR ~ 1.15

REFERENCE LINE - HARD SEALED SURFACE
 SHORT DRY GRASS
 LONG WET GRASS
 REFERENCE LINE

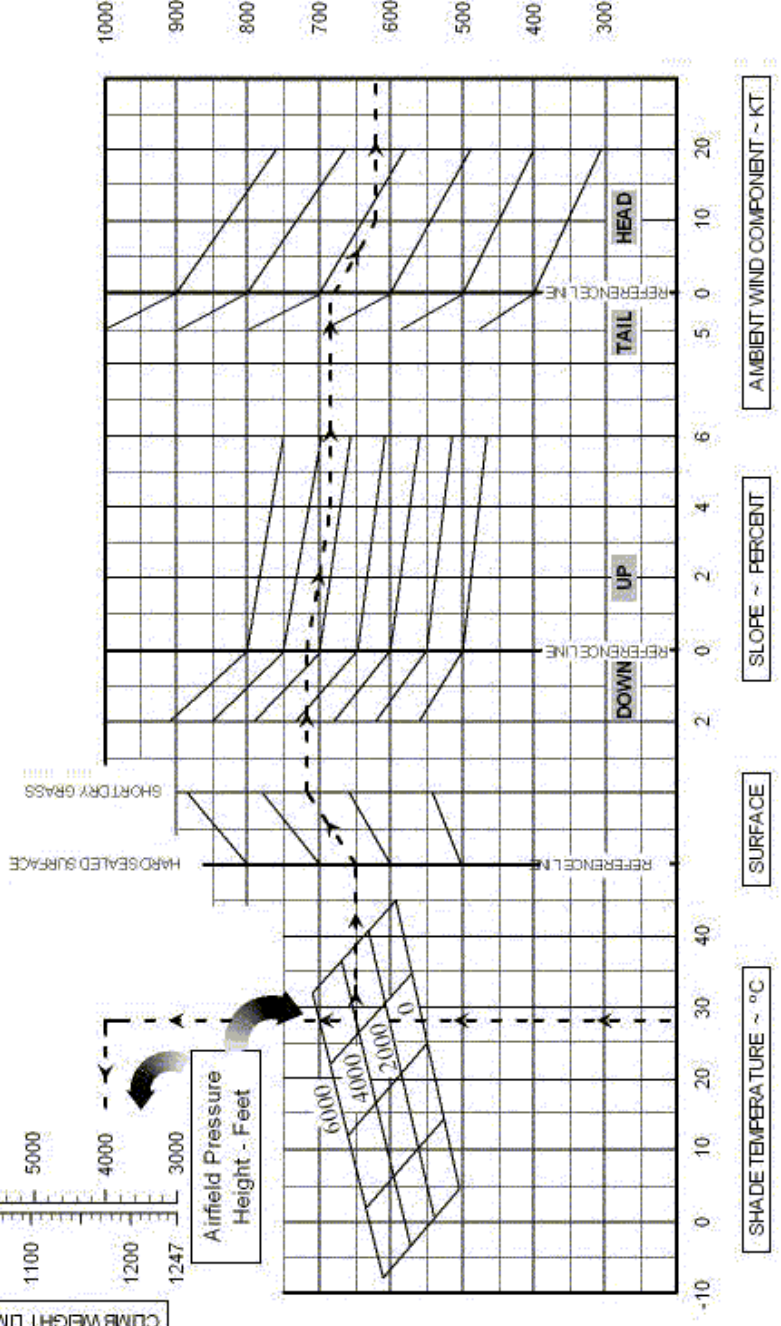
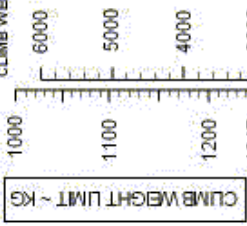
NOTE:
 TAKE-OFF WEIGHT MUST NOT EXCEED
 CLIMB LIMIT WEIGHT



LANDING DISTANCE CHART

PIPER PA28RT - 201 ARROW IV

NOTE: LANDING WEIGHT MUST NOT EXCEED CLIMB WEIGHT LIMIT



NOTE: LANDING DISTANCE REQUIRED IS INDEPENDENT OF LANDING WEIGHT

LANDING DISTANCE REQUIRED - METRES

CONDITIONS
 FLAP ~ 40° (FULL)
 APPROACH SPEED ~ 70 KIAS
 LANDING DISTANCE FACTOR ~ 1.15