

INVERSION FLIGHT ACADEMY

OUR FLEET

Fleet Matrix

2-6
seat training range

4
training categories

ME
multi-engine pathway

CPL
complex aircraft path

Registration	Aircraft type	Training category	Seats
ZS-IWD	Cessna 150	Primary	2
ZS-KNH	Cessna 152	Primary	2
ZS-KXF	Cessna 152	Primary	2
ZS-LIA	Cessna 152	Primary	2
ZS-POY	Cessna 152	Primary	2
ZS-KKO	Piper PA-38 Tomahawk	Primary	2
ZS-IXS	Grumman AA-5	Cross-country single	2
ZS-MAE	Cessna 172	Cross-country single	4
ZS-OFV	Cessna 172N	Cross-country single	4
ZS-MOV	Cessna R172K Hawk XP	Cross-country single	4
ZS-EBO	Piper PA-28 Cherokee 235	Cross-country single	4
ZS-MUE	Piper PA-28-161 Warrior	Cross-country single	4
ZS-PNO	Piper PA-28-180 Cherokee	Cross-country single	4
ZS-PRF	Cessna 172RG Cutlass	Complex	4
ZS-MTX	Piper PA-34 Seneca	Twin / ME	6
ZS-KPJ	Piper PA-34 Seneca	Twin / ME	6

ZS-IWD

Cessna 150

A classic two-seat trainer with simple systems and forgiving handling.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	2
SERIAL NO.	150-75526
MTOW	2,550 lb



The Cessna 150 is a reliable two-seat training aircraft known for its stable handling, simple controls, and excellent visibility. It is ideal for introductory flights, pilot training, and short local trips. Economical to operate and easy to handle, it remains a trusted choice for flight schools and private pilots.

Key features include two seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 100 hp engine, a cruise speed of 90-100 knots, and a range of 350-420 nautical miles.

ZS-KNH

Cessna 152

A compact two-seat platform for early handling, circuits and first solo preparation.

TYPE	SINGLE-ENGINE PISTON
SEATS	2
SERIAL NO.	152-84340
MTOW	1,670 lb



The Cessna 152 is a reliable two-seat training aircraft known for its stable handling, simple controls, and excellent visibility. It is ideal for pilot training, introductory flights, and short local trips. Economical to operate and easy to handle, it remains a trusted choice for flight schools and private pilots.

Key features include two seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 110 hp engine, a cruise speed of 90-105 knots, and a range of 350-415 nautical miles.

ZS-KXF

Cessna 152

The Cessna 152 is a worldwide PPL workhorse with predictable low-speed handling.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	2
SERIAL NO.	152-85150
MTOW	1,670 lb



The Cessna 152 is a reliable two-seat training aircraft known for its stable handling, simple controls, and excellent visibility. It is ideal for pilot training, introductory flights, and short local trips. Economical to operate and easy to handle, it remains a trusted choice for flight schools and private pilots.

Key features include two seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 110 hp engine, a cruise speed of 90-105 knots, and a range of 350-415 nautical miles.

ZS-LIA

Cessna 152

A dependable primary trainer for first solo, circuit consolidation and short navigation exercises.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	2
SERIAL NO.	152-85764
MTOW	1,670 lb



The Cessna 152 is a reliable two-seat training aircraft known for its stable handling, simple controls, and excellent visibility. It is ideal for pilot training, introductory flights, and short local trips. Economical to operate and easy to handle, it remains a trusted choice for flight schools and private pilots.

Key features include two seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 110 hp engine, a cruise speed of 90-105 knots, and a range of 350-415 nautical miles.

ZS-POY

Cessna 152

A dependable primary trainer for first solo, circuit consolidation and short navigation exercises.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	2
SERIAL NO.	152-85161
MTOW	1,670 lb



The Cessna 152 is a reliable two-seat training aircraft known for its stable handling, simple controls, and excellent visibility. It is ideal for pilot training, introductory flights, and short local trips. Economical to operate and easy to handle, it remains a trusted choice for flight schools and private pilots.

Key features include two seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 110 hp engine, a cruise speed of 90-105 knots, and a range of 350-415 nautical miles.

ZS-KKO

Piper PA-38 Tomahawk

A purpose-built trainer known for honest handling and spin-training heritage.

TYPE	SINGLE-ENGINE PISTON
SEATS	2
SERIAL NO.	38-90A0090
MTOW	1,670 lb



The Piper PA-38 Tomahawk is a two-seat training aircraft known for its stable performance, good visibility, and practical handling. It is ideal for pilot training, introductory flights, and short local trips. Economical to operate and well suited for learning, it remains a popular choice for flight schools and private pilots.

Key features include two seats, strong training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 112 hp engine, a cruise speed of 90-100 knots, and a range of 450-500 nautical miles.

ZS-IXS

Grumman AA-5

A sleek four-seat single known for responsive, sporty handling.

TYPE	SINGLE-ENGINE PISTON
SEATS	4
SERIAL NO.	-
MTOW	2,200 LB



The Grumman AA-5 is a reliable four-seat light aircraft known for its sporty handling, efficient performance, and excellent visibility. It is ideal for private flying, short cross-country trips, and hour-building. Comfortable and economical to operate, it is a practical choice for pilots looking for a capable touring aircraft.

Key features include four seats, responsive handling, economical operation, good cruise performance, and excellent visibility. Typical specifications include a 150 hp engine, a cruise speed of 115-125 knots, and a range of 500-600 nautical miles.

ZS-MAE

Cessna 172

A Skyhawk platform for navigation training, hour-building and stable cross-country work.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	4
SERIAL NO.	172-63002
MTOW	2,300 lb



The Cessna 172 is a reliable four-seat aircraft known for its stable handling, comfortable cabin, and excellent visibility. It is ideal for pilot training, private flying, and cross-country trips. Easy to operate and widely trusted, it remains one of the most popular light aircraft in the world. Key features include four seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 160-180 hp engine, a cruise speed of 110-125 knots, and a range of 500-640 nautical miles.

ZS-OFV

Cessna 172N

A Cessna 172N Skyhawk for PPL navigation and cross-country consolidation.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	4
SERIAL NO.	172-72820
MTOW	2,300 lb



The Cessna 172N is a reliable four-seat aircraft known for its stable handling, comfortable cabin, and excellent visibility. It is ideal for pilot training, private flying, and cross-country trips. Easy to operate and economical, it remains a trusted choice for flight schools and private pilots.
Key features include four seats, great training capability, easy handling, economical operation, and excellent visibility. Typical specifications include a 160 hp engine, a cruise speed of 110-120 knots, and a range of 500-600 nautical miles.

ZS-MOV

Cessna R172K Hawk XP

The uprated Hawk XP offers extra performance for advanced navigation and CPL preparation.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	4
SERIAL NO.	R172-2855
MTOW	2,550 lb



The Cessna R172K Hawk XP is a high-performance four-seat aircraft known for its strong climb performance, stable handling, and excellent visibility. It is ideal for pilot training, private flying, and longer cross-country trips. With more power than the standard Cessna 172, it offers dependable performance and comfortable operation.

Key features include four seats, powerful performance, stable handling, good climb capability, and excellent visibility. Typical specifications include a 195 hp engine, a cruise speed of 125-135 knots, and a range of 600-700 nautical miles.

ZS-EBO

Piper PA-28 Cherokee 235

A powerful, load-hauling member of the Cherokee family with stable handling.

TYPE	**SINGLE-ENGINE PISTON**
SEATS	4
SERIAL NO.	28-10542
MTOW	2,900 lb



The Piper PA-28 Cherokee 235 is a powerful four-seat aircraft known for its strong performance, stable handling, and comfortable cabin. It is ideal for private flying, cross-country trips, and carrying heavier loads. With its higher horsepower engine, it offers dependable performance and excellent touring capability.

Key features include four seats, powerful performance, stable handling, good load-carrying ability, and comfortable operation. Typical specifications include a 235 hp engine, a cruise speed of 125-135 knots, and a range of 650-750 nautical miles.

ZS-MUE

Piper PA-28-161 Warrior

The tapered wing Warrior gives gentle, predictable handling for navigation training.

TYPE	SINGLE-ENGINE PISTON
SEATS	4
SERIAL NO	28-8216190
MTOW	2,325 LB



The Piper PA-28-161 Warrior is a reliable four-seat aircraft known for its stable handling, comfortable cabin, and efficient performance. It is ideal for pilot training, private flying, and short cross-country trips. Easy to operate and economical, it remains a trusted choice for flight schools and private pilots.

Key features include four seats, great training capability, stable handling, economical operation, and comfortable cabin space. Typical specifications include a 160 hp engine, a cruise speed of 105-115 knots, and a range of 450-550 nautical miles.

ZS-PNO

Piper PA-28-180 Cherokee

A dependable four-seat trainer and tourer from the classic Cherokee line.

TYPE	SINGLE-ENGINE PISTON
SEATS	4
SERIAL NO.	28-3332
MTOW	2,400 LB



The Piper PA-28-180 Cherokee is a reliable four-seat aircraft known for its stable handling, strong performance, and comfortable cabin. It is ideal for pilot training, private flying, and cross-country trips. With its 180 hp engine, it offers a good balance of power, efficiency, and dependability. Key features include four seats, strong performance, stable handling, economical operation, and comfortable cabin space. Typical specifications include a 180 hp engine, a cruise speed of 115-125 knots, and a range of 500-600 nautical miles.

ZS-PRF

Cessna 172RG Cutlass

Retractable undercarriage and a constant-speed propeller make the Cutlass ideal for complex training.

TYPE	Single-engine piston, retractable gear, constant-speed prop
SEATS	4
SERIAL NO.	172RG0498
MTOW	2,650 lb



The Cessna 172RG Cutlass is a four-seat retractable-gear aircraft known for its efficient performance, stable handling, and excellent visibility. It is ideal for advanced training, private flying, and cross-country trips. With its retractable landing gear and constant-speed propeller, it offers a valuable step up from standard fixed-gear trainers.

Key features include four seats, retractable landing gear, advanced training capability, efficient cruise performance, and excellent visibility. Typical specifications include a 180 hp engine, a cruise speed of 130-140 knots, and a range of 600-700 nautical miles.

ZS-MTX

Piper PA-34 Seneca

The twin-engine Seneca supports multi-engine class training and CPL/ME rating pathways.

TYPE	**Multi-engine piston, retractable gear**
SEATS	6
SERIAL NO.	34-7970441
MTOW	4,570 lb



The Piper PA-34 Seneca is a reliable twin-engine aircraft known for its strong performance, comfortable cabin, and excellent cross-country capability. It is ideal for multi-engine training, private flying, and longer trips. With seating for up to six, it offers added space, power, and dependability for pilots and passengers.

Key features include twin-engine performance, up to six seats, multi-engine training capability, comfortable cabin space, and good cross-country range. Typical specifications include twin 200 hp engines, a cruise speed of 160-175 knots, and a range of 700-850 nautical miles.

ZS-KPJ

Piper PA-34 Seneca

The twin-engine Seneca supports multi-engine class training and CPL/ME rating pathways.

TYPE	**Multi-engine piston, retractable gear**
SEATS	6
SERIAL NO.	34-7970497
MTOW	4,570 lb



The Piper PA-34 Seneca is a reliable twin-engine aircraft known for its strong performance, comfortable cabin, and excellent cross-country capability. It is ideal for multi-engine training, private flying, and longer trips. With seating for up to six, it offers added space, power, and dependability for pilots and passengers.

Key features include twin-engine performance, up to six seats, multi-engine training capability, comfortable cabin space, and good cross-country range. Typical specifications include twin 200 hp engines, a cruise speed of 160-175 knots, and a range of 700-850 nautical miles.

From first flight to commercial pilot

Whether you are starting a Private Pilot Licence, building hours, or progressing to Commercial Pilot Licence and multi-engine ratings, the Inversion fleet supports each stage of training.

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