



CD ROM Inc. VR Flight Simulator General Guidelines

■ GENERAL GUIDELINES

- Pedal pressure should be smooth and progressive, never forced.
- Avoid using full body weight; apply controlled leg pressure only.
- Normal forces range from 5–50 lbs depending on pedal type and aircraft.

✈️ AIRCRAFT RUDDER & BRAKE PEDALS

Aircraft Type	Rudder Pedal Force	Toe Brake Force	Notes
Light Aircraft (Cessna 172)	20–60 lbs	15–25 lbs	Moderate, progressive feel
Military Trainer (T-6A Texan II)	40–80 lbs	30–60 lbs	Heavier, responsive control
Commercial Jet (B737/A320)	60–150 lbs	40–90 lbs	Strong pedal feedback
Helicopter (H125)	10–30 lbs	15–20 lbs	Light anti-torque control

■ VR SIMULATOR PEDALS (THRUSTMASTER TPR)

Setting	Force Range	Recommended Use
Low Tension (20–30%)	~5–10 lbs/side	Light aircraft / helicopters
Medium Tension (50%)	~10–20 lbs/side	Military trainers
High Tension (70–90%)	~20–50 lbs total	Jet transport realism

■ SAFETY NOTES

- Do not exceed 10 kgf (22 lbs) per side on TPR springs.
- Keep feet flat; no stomping or jerking movements.
- Always re-center pedals gently after use.
- Verify cable clearance and base security before each session.

✈️ TRAINING REMINDER

“Pedal control is finesse, not force.” — Apply steady, proportional pressure.

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For maintenance or calibration assistance: www.cdrominc.com