

**Commercial Pilot: Checkride****[Fly This Checkride Now](#)**

In this checkride, you will demonstrate the skills learned in the Commercial Pilot lessons category.

**ESTIMATED TIME TO COMPLETE**

30 minutes

**REQUIRED KNOWLEDGE/SKILLS**

You should complete all Commercial Pilot lessons and solo flights before starting this checkride.

**THE WEATHER**

The skies are generally clear and the winds are light.

**RECOMMENDED CHARTS**

None

**ABOUT THE FLIGHT**

This lesson provides you with an opportunity to demonstrate what you learned in the previous three commercial lessons. You'll make a short-field takeoff from Bremerton airport in Washington and fly to Harvey field in Washington. During the flight, you'll demonstrate climbs and descents. You'll navigate to Harvey field with the assistance of the GPS. After landing, you'll take off again and deal with an in-flight emergency. You will be expected to operate the complex airplane systems properly using the techniques learned in the Commercial Pilot lessons and the flying skills learned in both the private and instrument lessons.

You will be allowed to exceed one tolerance per flight segment, but no more than 2 tolerances for the entire flight—so, you must fly at least one segment error free.

**KEY COMMANDS TO REMEMBER**

All key commands used to fly the Baron in the Commercial Pilot lessons.

**FLIGHT CRITERIA**

Criteria	Event	Tolerance
Segment 1: Takeoff and cruise configuration	Takeoff	Full power
	Climb	Rotate at 90 KIAS
		Climb at 105 KIAS
		Gear up
		Climb at 120 KIAS
	Leveloff	Manifold pressure to 25 inches
		RPM to 2500
		Maintain manifold pressure
		Close cowl flaps
		Build airspeed to 170 KIAS
	Gear down descent	Manifold pressure to 22 inches
		RPM to 2300
		Cowl flaps closed

Segment 2: Aircraft configuration changes	Level at 3500	Maintain altitude
		Slow to no more than 152 KIAS
		Gear lowered
		Manifold pressure to 15
	Heading change	Cowl Flaps closed
		Maintain altitude
		Maintain airspeed
		Maintain heading
	Cruise climb	Gear raised
	Levels at 6500	Maintain airspeed
	Navigate to Harvey	Maintain altitude
		Arrive within 25 minutes or exceed a 20 mile radius of Harvey
		Do not exceed 200 KIAS
		Maintain altitude
Segment 3: Takeoff and aircraft configuration for climb	Shortfield landing	Do not exceed gear operating speed
		Lower flaps for landing
		Land and stop on runway
		Lines up on rwy 32
	Positioning for takeoff	
	Normal takeoff	Open cowl flaps
	Climb	Full power
		Rotate at 90 KIAS
		Climb at 105 KIAS
		Gear up
	Heading changes	Raise flaps
		Climb at 120 KIAS
		Manifold pressure to 25 inches
		RPM to 2700
Segment 4: Emergency and deadstick landing at Paine	Engines fail	Maintain Manifold pressure
		Maintain heading
		Establish glide
	Glides to airport	Maintain glide speed
	Deadstick landing	Land on runway surface

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