

# KING AIR 200 SERIES

200/B200/B200GT/250/260

## Available Performance Enhancements



Composite 5-Blade Swept Props (5-SBTP)



Aluminum 4-Blade Swept Props (4-SBTP)



Aluminum Power Props (TFPS)



Dual Aft Body Strakes (DABS)



High Flotation Gear Doors (HFGD)



Crown Wing Locker (CWLS)



Ram Air Recovery (RARS)



Enhanced Leading Edges (EPLS)

## Propeller Details For King Air 200, B200, B200GT, 250, 260

### Composite 5-Blade Swept Propellers

- 96-inch diameter
- Carbon fiber composite construction
- Nickel cobalt leading edges protect against foreign object damage
- Unlimited blade life as blades flex and deflect foreign objects instead of chipping or shattering
- Average of 48 pounds total weight total weight savings vs. OEM propellers
- 30% noise reduction throughout aircraft
- 16.5% performance gain in runway acceleration vs OEM propellers
- 25% better engine out climb (flaps up) vs OEM
- 6 years/4,000 hours TBO
- 1-year/1,000 hour Warranty, Autofeather required

### Aluminium 4-Blade Swept Propellers

- 96-inch diameter
- High-strength aluminum forgings
- +0.08 pounds total weight increase vs. OEM 4-blade propellers
- Provide more thrust with less noise, resulting in a quieter cabin
- Dramatically improves landing deceleration and accelerate-stop
- 6 years/4,000 hours TBO
- 1-year/1,000 hour Warranty, Autofeather required

Installation Hours and Pricing

KING AIR 260/250/B200GT/B200/200	SBTP	RARS
5-Blade Composite Swept Blade Propellers (5-SBTP)	●	
4-Blade Aluminum Swept Blade Propellers (4-SBTP)	●	
Replaces OE Hartzell 4-blade aluminum prop		
Replaces OE Hartzell 3-blade aluminum prop		
Replaces OE McCauley 4-blade aluminum prop		
Power Props (TFPS) - Special Order Only	●	
Ram Air Recovery System (RARS)		●
Enhanced Performance Leading Edges (EPL)		
Dual Aft Body Strakes (DABS)		
High Flotation Gear Doors (HFGD)		
Crown Wing Locker System (CWLS)		
EPIC Package Deal With Flight Manual Supplement		
Epic Platinum + 5-SBTP	●	●
Epic Platinum + 5-SBTP + CWLS	●	●
Epic Platinum + 5-SBTP + HFGD	●	●
Epic Platinum + 5-SBTP + CWLS + HFGD	●	●
Epic Platinum + 4-SBTP	●	●
Epic Platinum + 4-SBTP + CWLS	●	●
Epic Platinum + 4-SBTP + HFGD	●	●
Epic Platinum + 4-SBTP + CWLS + HFGD		●
Epic Gold (B200 / B200GT only)		●
Epic Gold + CWLS (B200 / B200GT only)		●
Epic Gold + HFGD (B200 / B200GT only)		●
Epic Gold + CWLS + HFGD (B200 / B200GT only)		●

EPL	DABS	HFGD	CWLS	MSRP PRICE	INSTALL HOURS	NET WEIGHT +/- LBS
				\$194,780	37 Hours	-48.0
				\$140,548	35 Hours	
						0.8
						27.6
						6.6
				\$134,718	35 Hours	Unknown
				\$64,375	60 Hours	5.0
●				\$50,544	80 Hours	0.0
	●			\$28,750	35 Hours	0.0
		●		\$65,573	80 Hours	23.0
			●	\$84,375	115 Hours	109.0
				FMS Benefits		
●	●			See charts 36-37, 40-41, 44-47		
●	●		●	See charts 36-37, 40-41, 44-47		
●	●	●		See charts 36-37, 40-41, 44-47		
●	●	●	●	See charts 36-37, 40-41, 44-47		
●	●			See charts p 36-37		
●	●		●	See charts p 36-37		
●	●	●	●	See charts p 36-37		
●	●	●	●	See charts p 36-37		
●	●			See charts p 38-39		
●	●		●	See charts p 42-43		
●	●	●		See charts p 38-39		
●	●	●	●	See charts p 42-43		



# 200 SERIES EPIC PLATINUM

Models Include: 200/B200/B200GT/250



## 200 Series EPIC Performance Benefits

- Certified to operate safely in and out of over 3,000 additional airports in the U.S.A. alone
- Additional FAA certification to FAR Part 25 commercial airline standards, including Balanced Field Lengths
- Shorter takeoff, higher climb rates and higher cruise altitudes, increased cruise speeds and range, and shorter landing distances
- Your ride, as either pilot or passenger, is measurably quieter, smoother and more stable

## Required EPIC Elements



Composite 5-Blade Swept Props (5-SBTP)



Aluminum 4-Blade Swept Props (4-SBTP)



Enhanced Performance Leading Edges (EPL)

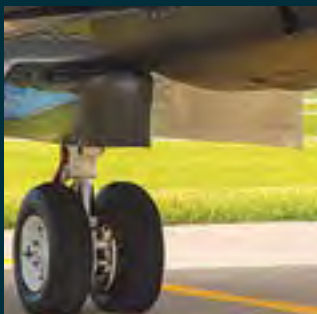
## Required EPIC Elements, Continued



Ram Air Recovery System (RARS) factory installed on 250s



Dual Aft Body Strakes (DABS)



High Flotation Gear Doors (HFGD) if HFG-equipped



Crown Wing Lockers (CWLS) Optional

## 200 EPIC PLATINUM

FAA-Certified EPIC Performance Data with PT6A-41 Engines

TAKEOFF (Flaps Up, 12,500 lbs, SL/ISA)	FACTORY 200	EPIC PLATINUM 200	IMPROVEMENTS
Distance Over 50 ft	3,300 ft	2,210 ft	1,090 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,250 ft	130 ft less runway
Accelerate-Go Distance	6,370 ft	3,450 ft	2,920 ft less runway

### Climb (12,500 lbs, SL/ISA)

Two Engine Rate-of-Climb	2,420 ft/min	2,510 ft/min	90 ft/min more
Time-to-Climb to 28,000 ft	21 minutes	17 minutes	4 minutes quicker
Time-to-Climb to 33,000 ft	37 minutes	25 minutes	12 minutes quicker

### Cruise (11,000 lbs, ISA)

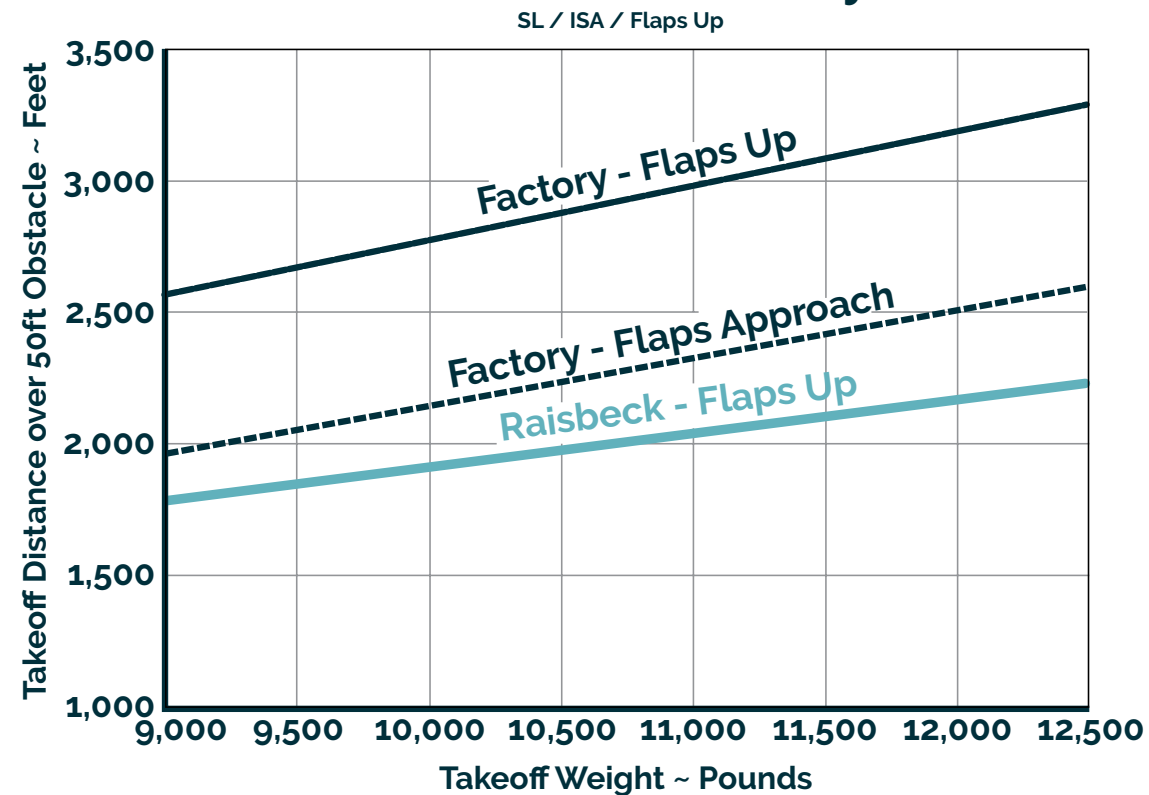
Max. Cruise Speed, 28,000 ft	271 ktas	283 ktas	12 knots faster
Max. Cruise Speed, 33,000 ft	256 ktas	270 ktas	14 knots faster
Max. Cruise Prop RPM	1,900	1,600 - 1,800	Quieter cockpit & cabin

### Landing (Flaps Down, 11,000 lbs, SL/ISA)

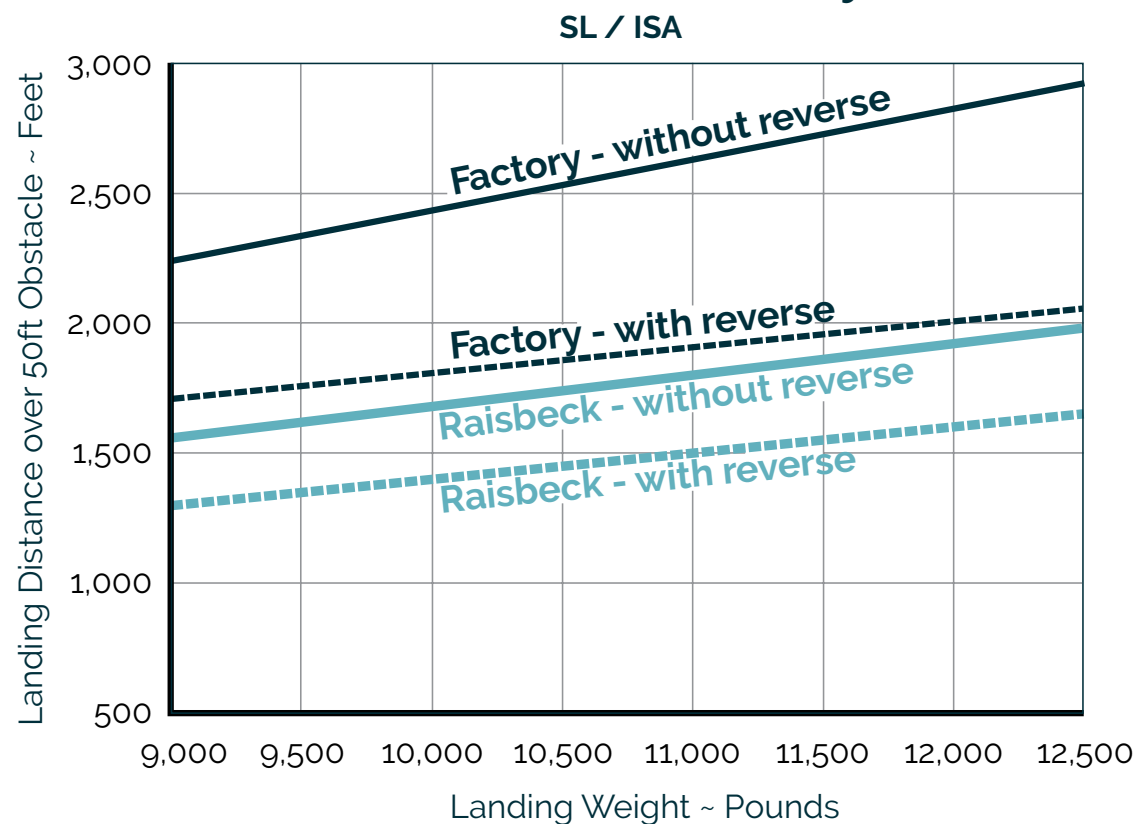
Approach Speed ( $V_{REF}$ )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,500 ft	1,810 ft	690 ft less runway

Propellers	93" Hartzell/Beech 4-Blade	96" Raisbeck/Hartzell Swept 4-Blade	Exceptional performance Stunning ramp presence
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## TWIN-ENGINE TAKEOFF DISTANCE COMPARISON Raisbeck EPIC 200 vs Factory 200



## LANDING DISTANCE COMPARISON Raisbeck EPIC 200 vs Factory 200



## B200 EPIC GOLD

FAA-Certified EPIC Performance Data with PT6A-42 Engines  
With Factory Hartzell 4-Blade Aluminum Propellers

TAKEOFF (Flaps Up, 12,500 lbs, SL/ISA)	FACTORY B200	EPIC GOLD B200	IMPROVEMENTS
Distance Over 50 ft	3,300 ft	2,825 ft	475 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,990 ft <sup>1</sup>	610 ft more runway
Accelerate-Go Distance	6,370 ft	3,990 ft <sup>1</sup>	2,370 ft less runway

<sup>1</sup> Same as BFL at Airline Safety Standards. Raisbeck EPIC Gold AFMS does not include Accel- Stop/Go Distances.

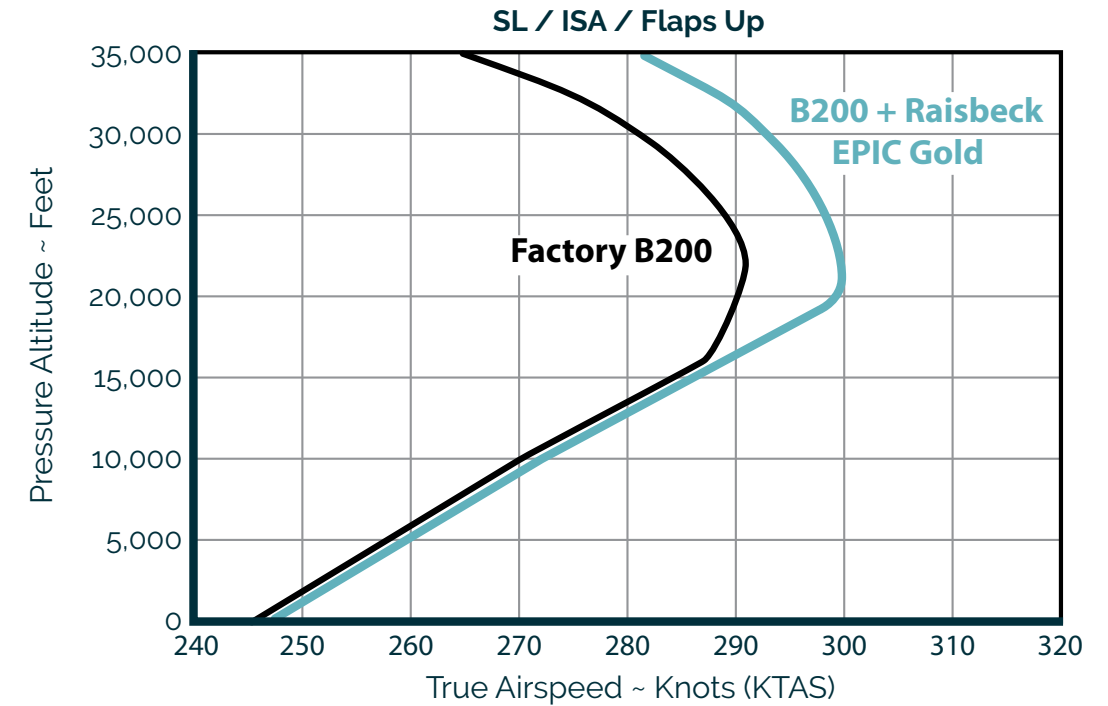
### Cruise (11,000 lbs, ISA)

Max. Cruise Speed, 28,000 ft	285 ktas	295 ktas	10 knots faster
Max. Cruise Speed, 33,000 ft	273 ktas	286 ktas	13 knots faster

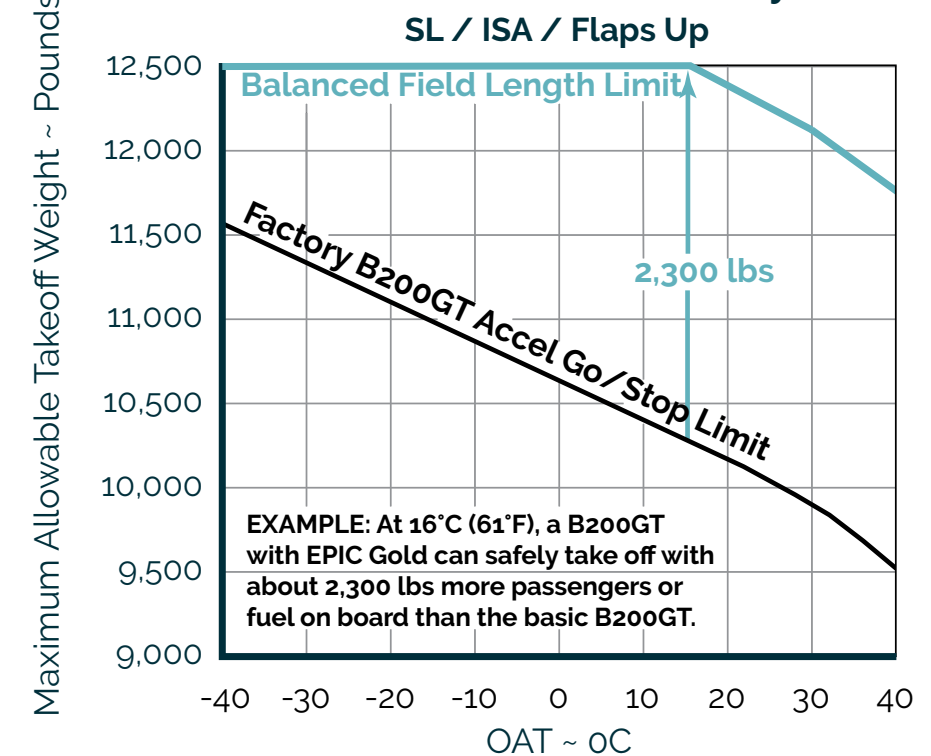
### Landing (Flaps Down, 11,000 lbs, SL/ISA)

Approach Speed (V <sub>REF</sub> )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,590 ft	2,025 ft	565 ft less runway

## CRUISE SPEED COMPARISON Raisbeck EPIC B200 vs Factory B200



## ALLOWABLE TAKEOFF WEIGHT COMPARISON Raisbeck EPIC B200GT vs Factory B200GT





B200 EPIC PLATINUM

FAA-Certified EPIC Performance Data with PT6A-42 Engines

TAKEOFF (Flaps Up, 12,500 lbs, SL/ISA)	FACTORY B200	EPIC PLATINUM B200	IMPROVEMENTS
Distance Over 50 ft	3,300 ft	2,210 ft	1,090 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,250 ft	130 ft less runway
Accelerate-Go Distance	6,370 ft	3,450 ft	2,920 ft less runway

Climb (12,500 lbs, SL/ISA)

Two Engine Rate-of-Climb	2,420 ft/min	2,510 ft/min	90 ft/min more
Time-to-Climb to 28,000 ft	19 minutes	15 minutes	4 minutes quicker
Time-to-Climb to 33,000 ft	29 minutes	22 minutes	7 minutes quicker

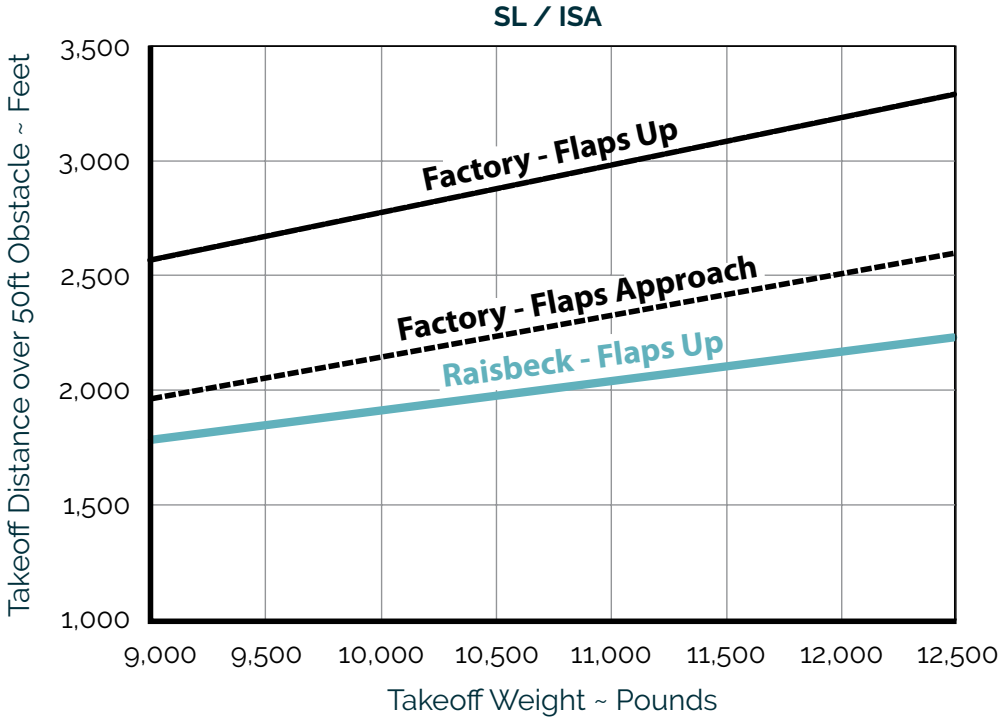
Cruise (11,000 lbs, ISA)

Max. Cruise Speed, 28,000 ft	285 ktas	295 ktas	10 knots faster
Max. Cruise Speed, 33,000 ft	273 ktas	286 ktas	13 knots faster
Max. Cruise Prop RPM	1,800	1,600 - 1,800	Quieter cockpit & cabin

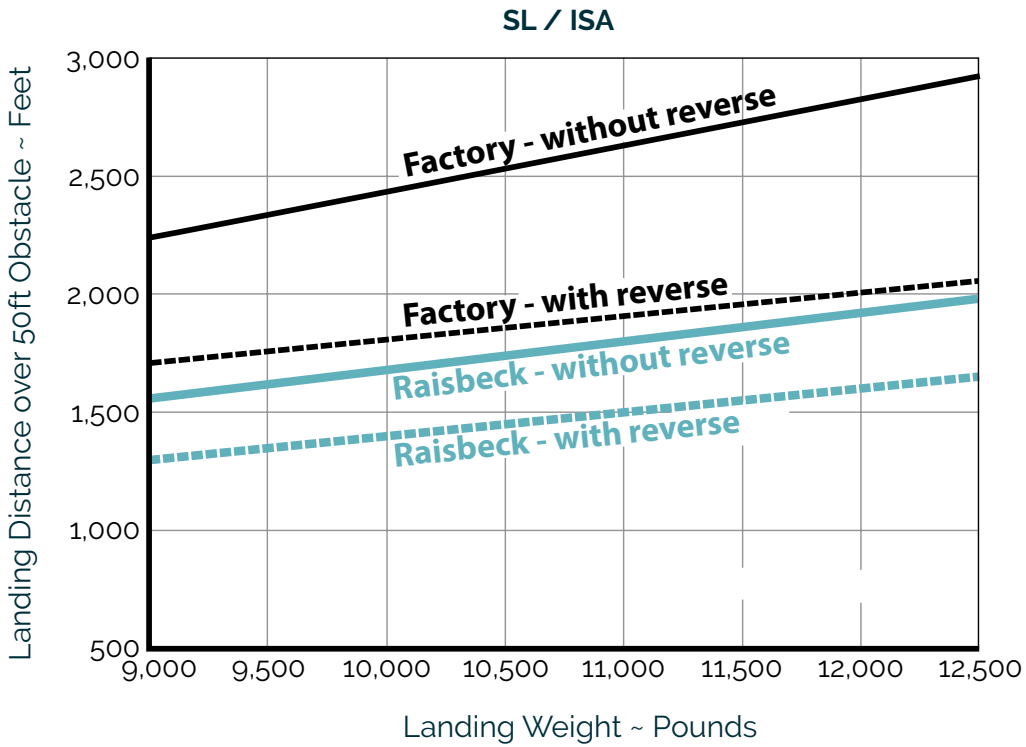
Landing (Flaps Down 11,000 lbs SL/ISA)

Approach Speed (V <sub>REF</sub> )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,500 ft	1,810 ft	690 ft less runway
Propellers	93' Hartzell/Beech 4-Blade	96" Raisbeck/Hartzell Swept 4-Blade	Exceptional performance Stunning ramp presence

TWIN-ENGINE TAKEOFF DISTANCE COMPARISON  
Raisbeck EPIC B200 vs Factory B200



LANDING DISTANCE COMPARISON  
Raisbeck EPIC B200 vs Factory B200



B200GT EPIC GOLD

FAA-certified EPIC Gold Performance Data with PT6A-52 Engines  
With Factory Hartzell 4-Blade Aluminum Propellers

TAKEOFF (Flaps Up, 12,500 LBS, SL/ISA)	Factory B200GT	EPIC Gold B200GT	IMPROVEMENTS
Distance Over 50 ft	3,300 ft	2,825 ft	475 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,990 ft <sup>1</sup>	610 ft more runway
Accelerate-Go Distance	6,360 ft	3,990 ft <sup>1</sup>	2,370 ft less runway

<sup>1</sup> Same as BFL at Airline Safety Standards. Raisbeck EPIC Gold AFMS does not include Accel- Stop/ Go Distances.

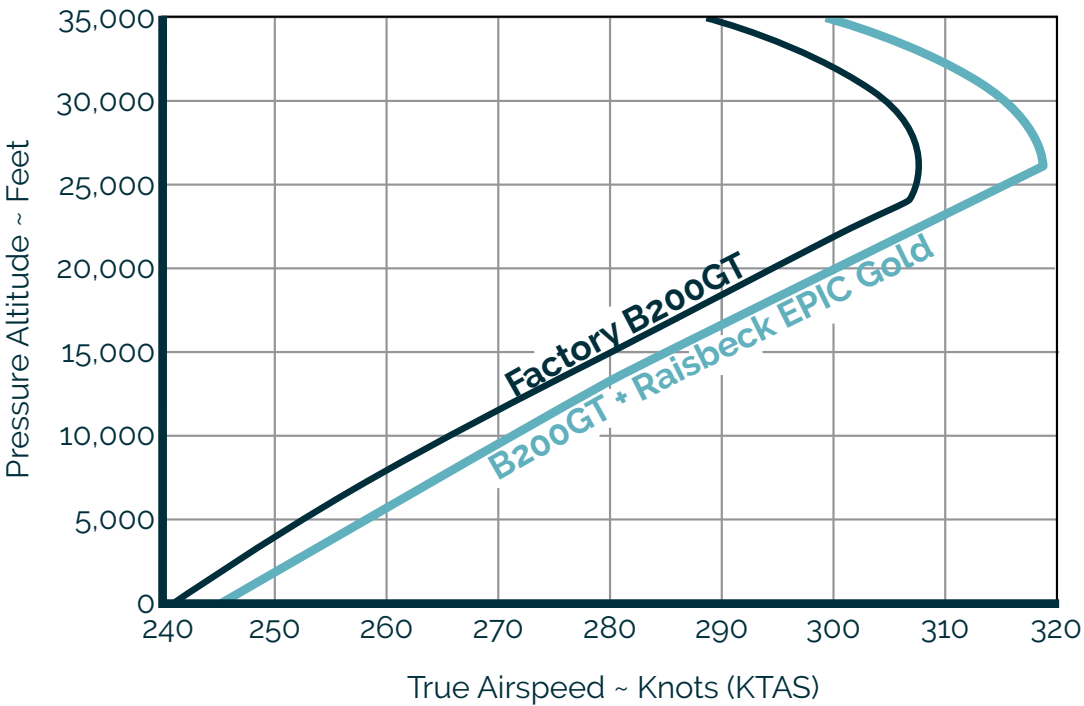
Cruise (11,000 lbs, ISA)

Max. Cruise Speed, 28,000 ft	307 ktas	318 ktas	11 knots faster
Max. Cruise Speed, 33,000 ft	297 ktas	308 ktas	11 knots faster

Landing (Flaps Down, 11,000 lbs, SL/ISA)

Approach Speed (V <sub>REF</sub> )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,590 ft	2,025 ft	565 ft less runway

CRUISE SPEED COMPARISON  
Raisbeck EPIC B200GT vs Factory B200GT  
SL / ISA / Flaps Up



B200GT EPIC PLATINUM

FAA-certified EPIC Platinum Performance Data with PT6A-52 Engines

TAKEOFF (Flaps Up, 12,500 lbs, SL/ISA)	FACTORY B200GT	EPIC PLATINUM B200GT	IMPROVEMENTS
Distance Over 50 ft	3,300 ft	2,210 ft	1,090 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,250 ft	130 ft less runway
Accelerate-Go Distance	6,370 ft	3,450 ft	2,920 ft less runway

Climb (12,500 lbs, SL/ISA)

Two Engine Rate-of-Climb	2,420 ft/min	2,510 ft/min	90 ft/min more
Time-to-Climb to 28,000 ft	16 minutes	14 minutes	2 minutes quicker
Time-to-Climb to 33,000 ft	22 minutes	18 minutes	4 minutes quicker

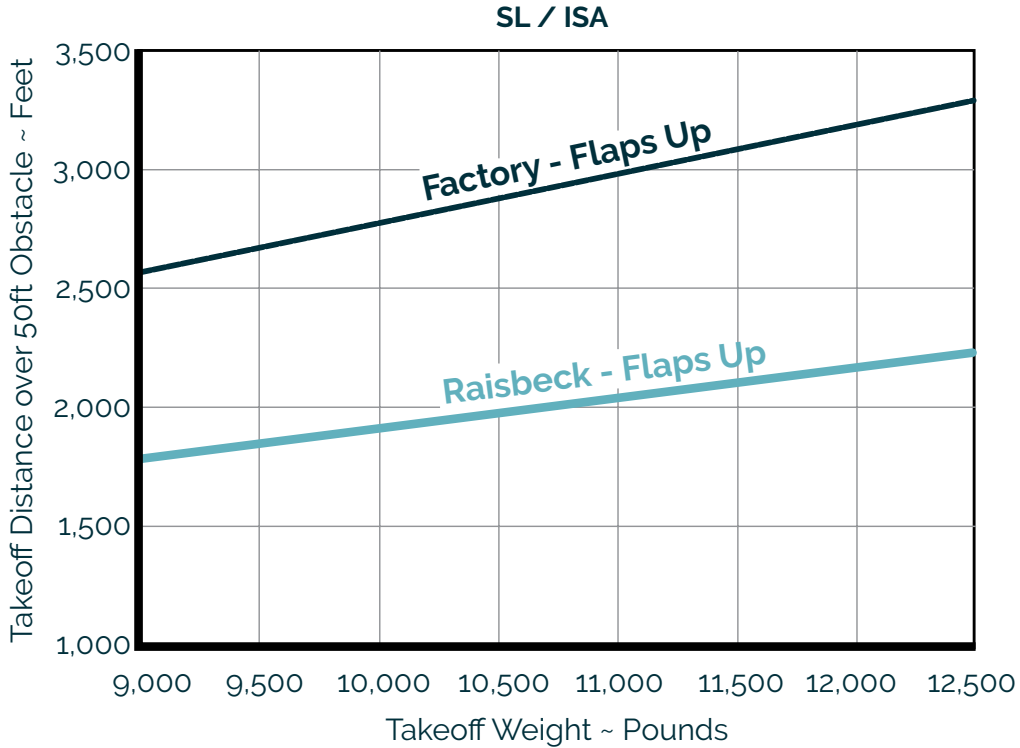
Cruise (11,000 lbs, ISA)

Max. Cruise Speed, 28,000 ft	307 ktas	318 ktas	11 knots faster
Max. Cruise Speed, 33,000 ft	296 ktas	307 ktas	11 knots faster
Max. Cruise Prop RPM	1,700 - 1,800	1,600 - 1,800	Quieter cockpit & cabin

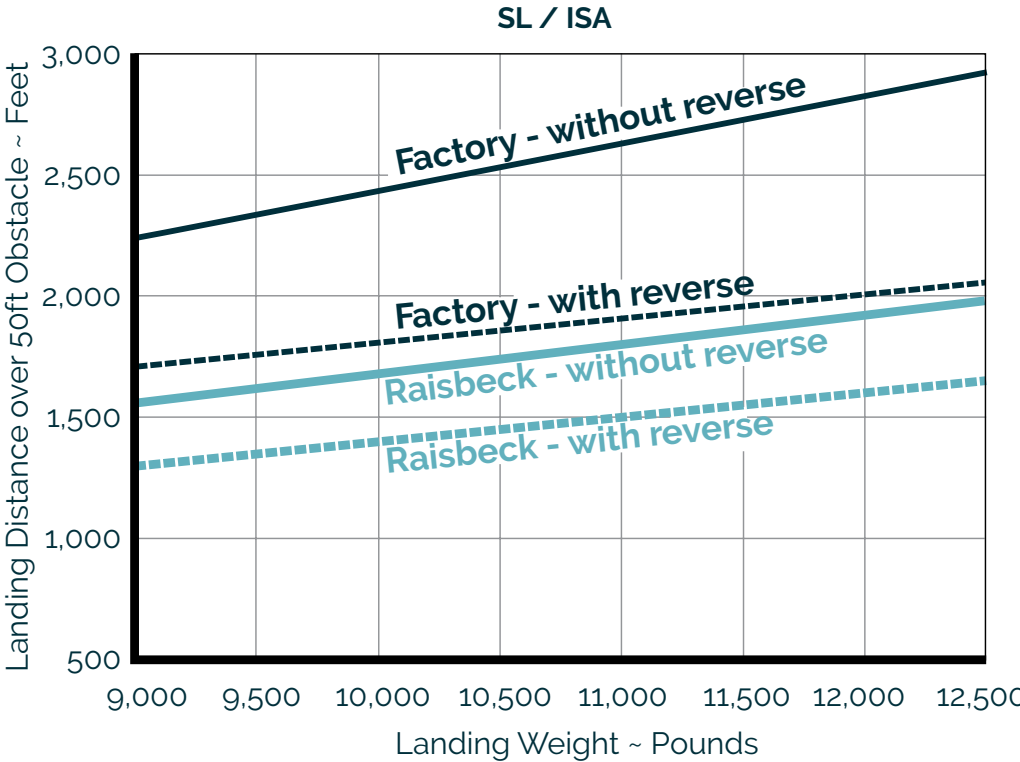
Landing (Flaps Down, 11,000 lbs, SL/ISA)

Approach Speed (V <sub>REF</sub> )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,500 ft	1,810 ft	690 ft less runway
Propellers	93" Hartzell/ Beechcraft 4-Blade	96" Raisbeck/ Hartzell Swept 4-Blade	Exceptional performance Stunning ramp presence

TWIN-ENGINE TAKEOFF DISTANCE COMPARISON  
Raisbeck EPIC B200GT vs Factory B200GT



LANDING DISTANCE COMPARISON  
Raisbeck EPIC B200GT vs Factory B200GT





250 EPIC PLATINUM

FAA-certified EPIC Platinum Performance Data with PT6A-52 Engines & High Flotation Gear<sup>1</sup>

Takeoff (FLAPS UP, 12,500 LBS, SL/ISA)	FACTORY 250	EPIC PLATINUM 250	IMPROVEMENTS
Distance Over 50 ft	3,270 ft	2,210 ft	1,060 ft less runway
Part 25 Balanced Field Length (BFL)	Not Certified	3,990 ft	Airline Safety Standards
Accelerate-Stop Distance	3,380 ft	3,250 ft	130 ft less runway
Accelerate-Go Distance	6,700 ft	3,450 ft	3,250 ft less runway

<sup>1</sup> High Flotation Gear only affects Balanced Field Length and Landing Distance

Climb (12,500 LBS, SL/ISA)

Two Engine Rate-of-Climb	2,370 ft/min	2,520 ft/min	150 ft/min more
Time-to-Climb to 28,000 ft	17 minutes	14 minutes	3 minutes quicker
Time-to-Climb to 33,000 ft	23 minutes	18 minutes	5 minutes quicker

Cruise (11,000 LBS, ISA)

Max. Cruise Speed, 28,000 ft	300 ktas	314 ktas <sup>2</sup>	14 knots faster
Max. Cruise Speed, 33,000 ft	290 ktas	303 ktas	13 knots faster
Max. Cruise Prop RPM	1,700 - 1,800	1,600 - 1,800	Quieter cockpit & cabin

<sup>2</sup> Includes effect of winglets

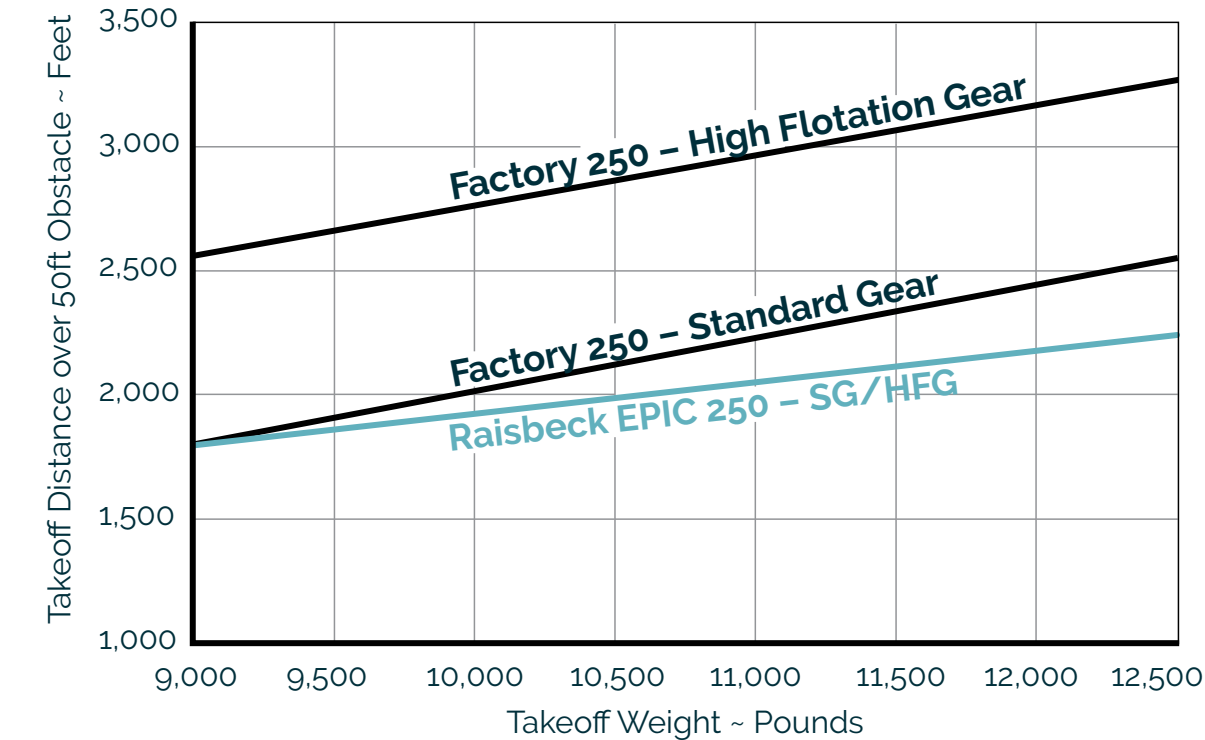
Landing (FLAPS DOWN, 11,000 LBS SL/ISA)

Approach Speed (V <sub>REF</sub> )	99 kts	90 kts	9 kts slower approach
Landing Distance Over 50 ft (without prop reverse)	2,590 ft	1,810 ft	780 ft less runway

Propellers	93" Hartzell/ Beech 4-Blade	96" Raisbeck/ Hartzell Swept 4-Blade	Exceptional performance Stunning ramp presence
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TWIN-ENGINE TAKEOFF DISTANCE COMPARISON

Raisbeck EPIC 250 vs Factory 250  
SL / ISA / Flaps Up



LANDING DISTANCE COMPARISON

Raisbeck EPIC 250 vs Factory 250  
SL / ISA / Flaps Down / Without Prop Reverse

