



**RAISBECK *ZR LITE***  
PERFORMANCE SYSTEM  
FOR THE LEARJET 35/36

REVOLUTIONIZE YOUR BUSINESS JET

*“We installed Raisbeck’s ZR LITE on our Lear 35, and  
This performance is not a cost, ZR LITE pays for itse*

## ACHIEVING A COMPETITIVE EDGE

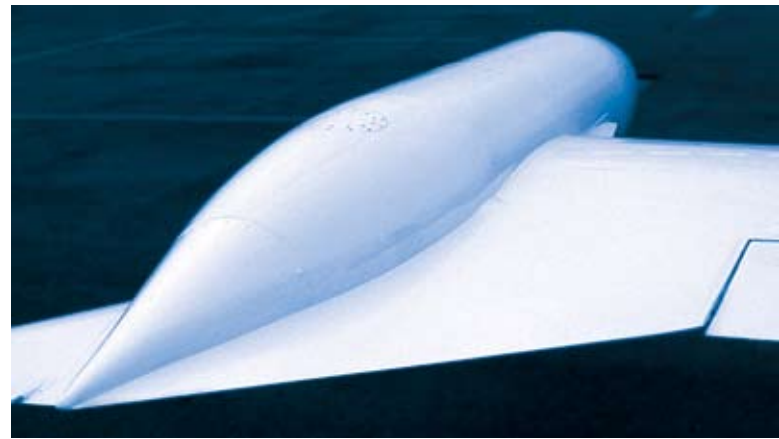
cruise and descent performance of Learjet model 35 and 36 aircraft. ZR LITE Technology utilizes static pressure, interference and induced drag that is aerodynamically imposed upon the aircraft. Enough in fuel along the way. Guaranteed.

### ZR LITE ELEMENTS



#### RECONTOURED FLAP TRAILING EDGES

Attached to the trailing edge of the wing, Raisbeck’s intricately engineered flaps reduce high speed drag, improve lift distribution and improve flap effectiveness.



#### HORIZONTAL WINGLETS (“BATWINGS”)

The Raisbeck signature ‘batwings’ for the Lear 35/36 provide the aircraft with enhanced aerodynamic efficiency, resulting in reduced drag, less impact from the wingtip vortices and increased aileron effectiveness.

#### ZR LITE CRUISE BENEFITS

- 25% less time-to-climb
- 3000-4000 feet higher initial cruise altitude
- .02 or greater increase in cruise Mach at equal power settings
- 1% decrease in N1 and 15°C ITT reduction at equal Mach
- Consistently save 5% in fuel at equal altitudes and Mach, and 10% or more by taking advantage of new altitude capabilities
- 5-10% increase in range

#### ZR LITE TAKEOFF BENEFITS

- New flaps 14° for takeoff
- V-speeds slower than flaps 20°
- Climb performance of flaps 8°
- Opens up many smaller airports for safe operation
- Carry more payload/fuel from “limiting” airports
- Extra fuel load adds even more to extended range

1973 Raisbeck Engineering is founded. Early innovations for the Learjet family include the Mark II and Mark IV wings.

1976 Mark II and Mark IV wings standard technology on all Learjet Century III and Softflite versions.

1978 Rockwell asks Raisbeck to redesign Sabreliner series.

1981 Raisbeck designs performance systems for the entire Beechcraft King Air family.

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1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991

*and we know the added safety is worth the investment. Fly higher, faster and farther from more airports, and save up to 14% on fuel savings.”* – Jerry Frey, Aviation Manager, Learjet 35A-402

Today's aircraft market is simplified with the advanced technology made available to you from Raisbeck Engineering. The ZR LITE Performance System was engineered to enhance the takeoff, climb, and descent performance with state-of-the-art components which have been specifically designed and engineered to reduce wave drag and improve technical talk. Bottom line: Fly higher, faster and farther from more airports, and save up to **14%** on fuel savings.

## OPTIONAL EQUIPMENT



### VORTILONS

The Vortilons attach at the leading edge of the wing and improve low speed performance, enhance low speed roll authority and improve airflow effectiveness. Each vortilon is manufactured individually under Raisbeck's specific PMA guidelines.



### AFT FUSELAGE LOCKER

Raisbeck's Aft Fuselage Locker returns cabin space to your passengers and has been approved by the Original Equipment Manufacturer for all Learjet 30-series.

### ZR LITE DESCENT BENEFITS

- The allowable descent speed has been increased by 25% with a new 250 knots flaps 8° setting
- Better initial descent and approach control

### AFT FUSELAGE LOCKER – FIELD OBSERVATION

*“Our medical teams really love the locker because we can carry patient luggage and medical supplies outside the cabin. That greatly increases patient comfort and safety, and we have more room to assist them.”*

– Pat Renaud  
Chief Pilot, Skyservice Air Ambulance

Aft Fuselage Locker is standard on the Learjet 31/35/36, and is an optional equipment on the 31.

2004 ZR LITE Performance System is certified for Model 35/36 Learjets.

2006 ZR LITE is certified for Model 31 Learjets.

2007 Wal-Mart equips entire 31 fleet with ZR LITE.

2009 100th ZR LITE Performance System installation

1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009

— THINK RAISBECK —

WWW.RAISBECK.COM

*Contact us to learn how true performance engineering benefits your aircraft.*

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