



**FedEx Flight 1478**  
**B-727, N497FE**  
**Tallahassee, Florida**  
**July 26, 2002**



National Transportation Safety Board

Richard G. Rodriguez - IIC

Captain Dave Ivey - Operations

Mark George - Airports/Survival Factors

Dr. Malcolm Brenner - Human Performance

# Staff Presentation

- Investigator in Charge Summary
- Operational Decisions
- PAPI Presentation
- Human Performance Issues
  - Color Vision
  - Fatigue
  - Crew Coordination



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**FedEx Flight 1478, Boeing 727-232 (N497FE)**

# Investigation Team

- The core team involved 12 investigators, three trainees.
- The team was in the field for 7 days
- A total of 34 Safety Board investigators and staff were involved



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# NTSB Staff

- R. G. Rodriguez
- David Ivey
- Malcolm Brenner
- Bill Bramble
- Scott Dunham
- Mark George
- Donald Eick
- Courtney Liedler
- Deepak Joshi
- Tom Jacky
- Dana Schulze
- Jim Hookey
- Dennis Crider
- Kevin Renze
- Cassandra Johnson
- Doug Brazy
- Jim Henderson
- Mitch Garber



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# NTSB Staff (Cont'd)

- Greg Smith
- Evan Byrne
- Jim Cash
- Erik Grosf
- Ted Lopatkiewicz
- Jodi Moffett
- Noel Coleman
- Karen Bury
- John DeLisi
- Paul Misencik
- Nora Marshall
- Tom Haueter
- John Clark
- Joe Kolly
- Vern Ellingstad
- Gina John



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# Parties to the Investigation

- Federal Aviation Administration
- Federal Express
- Boeing Commercial Airplane Group
- Air Line Pilots Association
- National Air Traffic Controllers Association
- Tallahassee Regional Airport
- Pratt & Whitney



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# Accident Summary

- First Officer was flying pilot
- Late selection of Runway 9
- Misidentified airport location, rushed approach
- PAPI lights indicated too low for 40 seconds
- Airplane struck trees 3,650 feet short



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Fed Ex B-727  
Tallahassee, FL  
26 July 2002

Local Time  
05:36:38.4



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# Ivey Presentaion



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# Precision Approach Path Indication System



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# Human Performance Issues

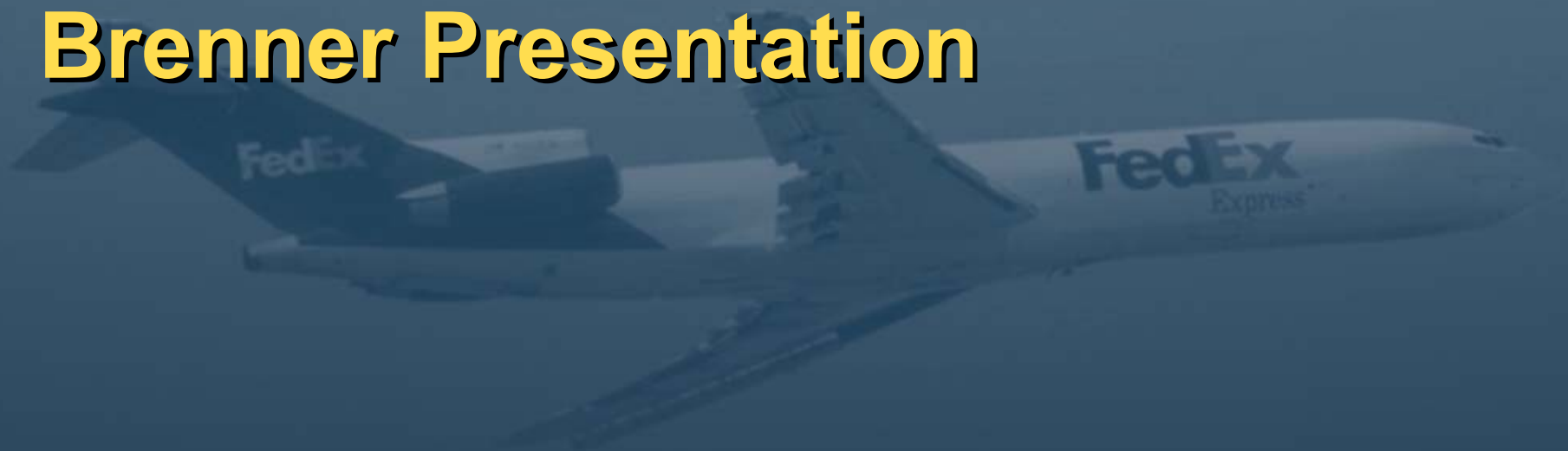
- Fatigue
- Color vision deficiencies
- Crew coordination



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# Brenner Presentation



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