🔧 AI Damage Classification Report

Structural Health Assessment

Healthy Structure

36.6%

Confidence

Severity: None

Analysis Details

File: datafl_20260126_180656.csv
Samples: 2,499 | Sensors: 6 | Duration: 25.0s
Date: 2026-01-28 09:24:56

💡 Recommendation

Continue regular maintenance and monitoring.

Classification Probabilities

	Probability (%)
Deformation	6.5%
Brace Damage	13.3%
Missing Beam	18.7%
Bolt Damage	24.9%
Healthy	36.6%

Model: Random Forest | Accuracy: 98.28% | Training Samples: 230