



# Single Failure Proof Cranes For Aerospace Applications

## MST Crane - Delta IV

### General Data

Crane Capacity: 50 Tons

Bridge Span: 55'-0"

Lift Height: 300'-0"

Hoist Speed: 40 FPM

Duty Class: CMAA D



### Performance Features

EMI Filtration: Minimizes EMI emissions into power system

Weigh Scale System: Provides .5% accuracy of the lifted load

Flux Vector AFD Controls: Allows the load to be held aloft at zero speed

(3) Separate Control Means: Remote Master and (2) Portable Stations

Positioning System: Assures positional accuracy of +/- .0625"



### Safety Features

Redundant Hoist Reeving System: Prevents load drop in event of rope failure

Overspeed Protection: Directly connected to drum shaft

Misreeving Protection: Designed to detect slack wire rope condition

Emergency Hoist Brake: Caliper type brake acting directly hoist drum

Hook Isolation: Allows not more than 70 micro-A per 1000 volts applied