

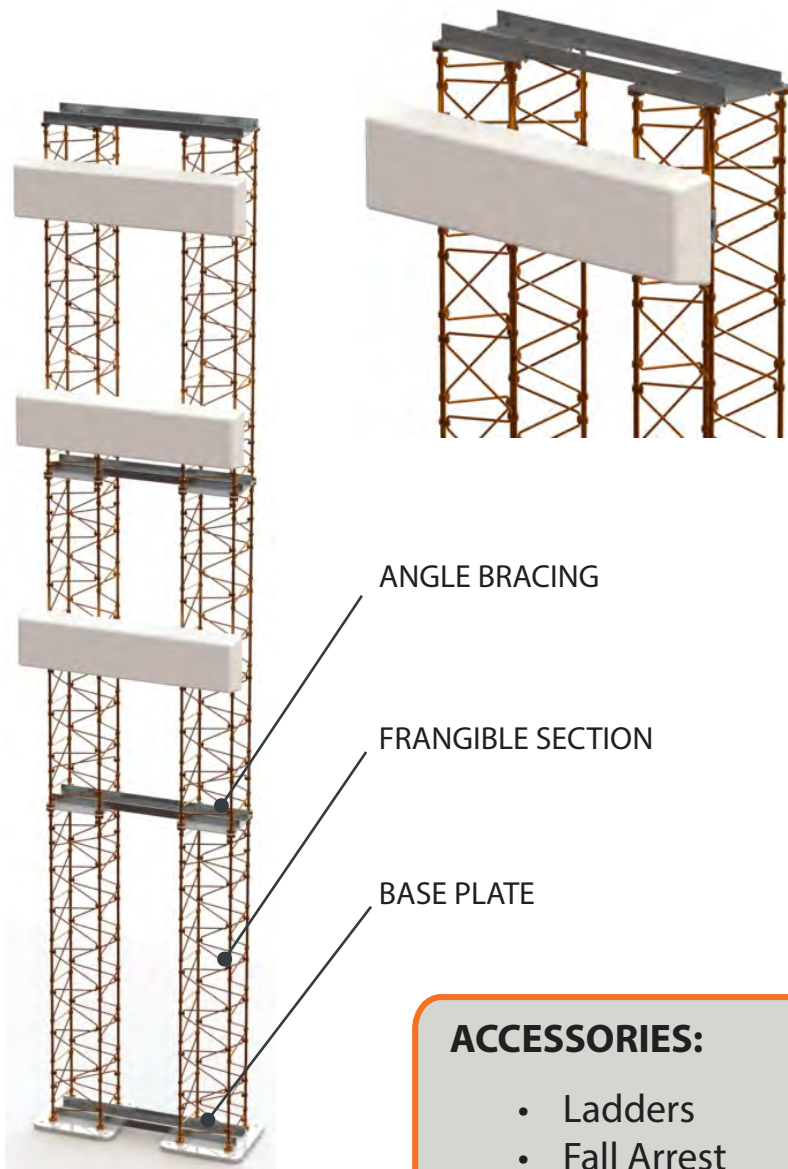


Glide Path Antennas are part of the Instrument Landing Systems (ILS) and are critical to safely landing aircraft. Due to its critical nature, its support structure is required to be rigid. This is typically achieved using robust steel structures. Although typical steel structures meet deflection requirements, these structures can be very detrimental to aircraft if accidentally impacted. As a safe alternative, Millard offers an Aluminum mast that provides rigidity, yet is yielding if accidentally impacted. The design utilizes Millard's unique lattice structure that is both strong and frangible. Masts are fully compliant with ICAO Doc 9157: Part 6, Frangibility.







In addition to masts, Millard also provide a complete line of accessories and mounts to ensure simple and safe installation and maintenance.



DESIGN




NOMINAL HEIGHT (m)	DESIGN	SECTIONS	FOOTPRINT
9.00	Double Mast	18S75 3.00m, qty. 6	560mm x 1680mm
10.50	Double Mast	18S75 3.00m, qty. 4 18S75 2.25m, qty. 4	560mm x 1680mm
12.00	Double Mast	18S75 3.00m, qty. 8	560mm x 1680mm
13.50	Double Mast	18S75 3.00m, qty. 6 18S75 2.25m, qty. 4 13S70 3.00m, qty. 2	560mm x 1680mm
15.00	Double Mast	18S75 3.00m, qty. 10 13S70 3.00m, qty. 4	560mm x 1680mm
16.50	Triple Mast	18S75 3.00m, qty. 8 18S75 2.25m, qty. 4 13S70 3.00m, qty. 4	1680mm x 1680mm Triangular
18.00	Triple Mast	18S75 3.00m, qty. 12 13S70 3.00m, qty. 4	1680mm x 1680mm Triangular

-  OPERATIONAL: 120km/h
-  SURVIVAL: 185km/h
-  ALUMINUM: Section, Plates, Bracing, Mounts
-  ECO GUARD STEEL: Hardware
-  OPERATIONAL DEFLECTION: 0.5 degrees
-  POWDER COATING: Orange / White Banding


ACCESSORIES:

- Ladders
- Obstruction Light
- Fall Arrest
- Antenna Mounts
- Lightning Protection
- Cable Trays


OTHER AVIATION APPLICATIONS:




APPROACH LIGHTS




METEOROLOGY



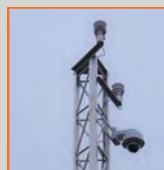
ANTENNAS



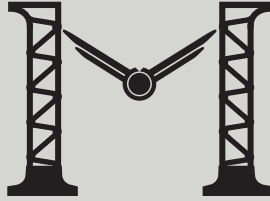
WINDSOCKS



ILS



NON-FRANGIBLE



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