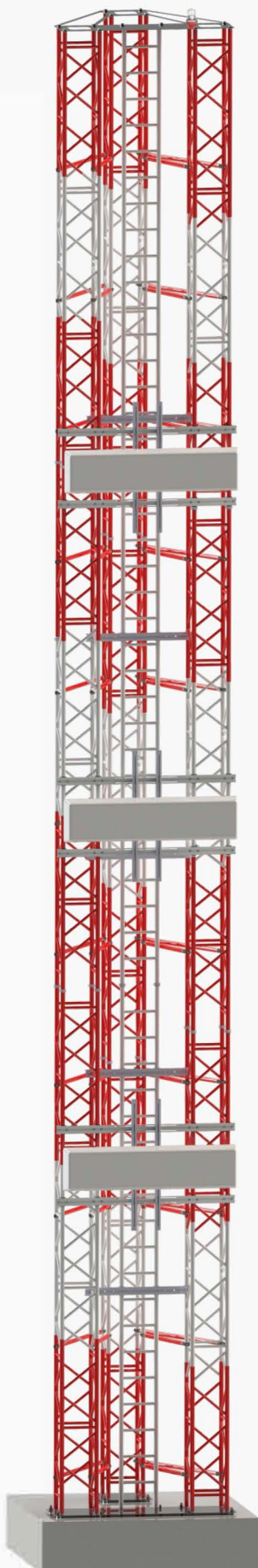


## Model GEO-GPM



# FRANGIBLE ILS/GLIDE PATH ANTENNA TOWER

Glide Path Towers are in Compliance for Full Impact Testing with ICAO guidelines Aerodrome Design Manual Part-6, chapter 5 and US Department of Transportation, FAA Advisory Circular No 150/5345-45C, April 2007

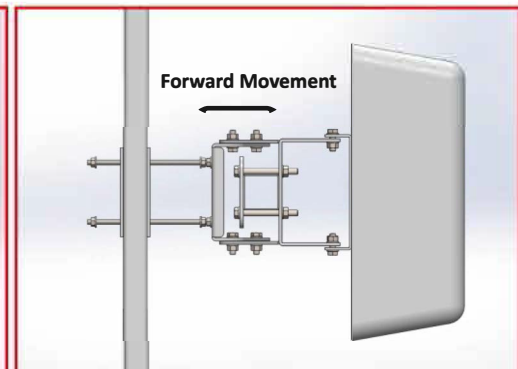
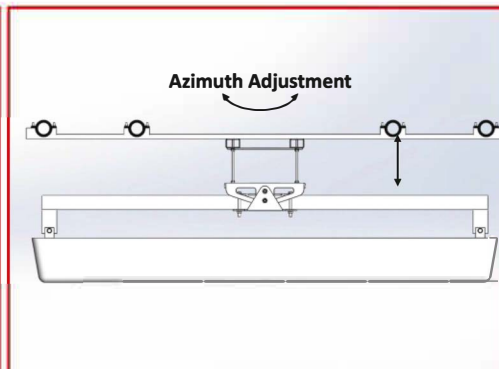
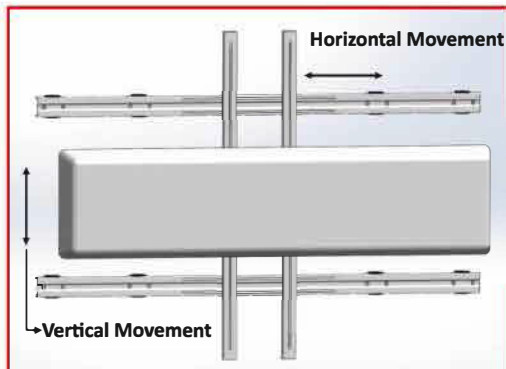
# DATASHEET

## Model GEO-GPM FRANGIBLE ILS / Glide Path Antenna Tower

### DESCRIPTION - ACCESSORIES

<b>Lattice Mast</b>	Height (options available)	12 meter / 15 meter / 17 meter
	Basic Form and size	400 x 400 mm square lattice 3 units supported with horizontal tresses
	Colour	Aviation Red & White, 2 part PU paint with UV protection in Compliance with ICAO
	Coupling	Stainless steel embedded flange
<b>Base Plate &amp; Foundations Bolts</b>	Base plate with 14 set of foundation bolts	
<b>Survival wind speed</b>	140 km/hr sustainable wind, 210 km/hr gust wind	
<b>Antenna mounting</b>	Tailor made as per customer requirement	
<b>Maintenance</b>	Composite stairs with safety belt provided in center for easy maintenance of antenna and electrical accessories	
<b>Aviation lamp</b>	LED obstruction light lamp, Complaint to ICAO (Aerodromes Annexure 14) and FAA - L810, Aviation Red colour, Selectable flashing rate, AC 110V ~ 220V, Auto light sensing ON/OFF	
<b>Warranty</b>	3 years	

### Antenna Mounting



### COMPLIANCE

- Compliance with FAA AC 150/5345-45C and Compliance with ICAO guidelines Aerodrome Design Material Part-6 Frangibility Doc 9157 First Edition – 2006 chapter 5.
- Wind load deflection test
- Salt Spray Test as per MIL-STD- 810F & ISO 9227: 2017
- Temperature Resistance Test -35°C to + 55° C
- Flammability Test IS : 6746 - 1994
- Di-Electric Strength Test : ASTM D 149:2009.
- UV Resistance Test ASTM G 154 : 2016/IS-14887
- Tensile Strength Test : ASTM D638
- Flexural Strength Test : ASTM D790
- Flame Spread & Smoke develop In dextest ASTM E84



### CERTIFICATION

Third party full crash test certificate as per compliance for full impact testing with ICAO guidelines Aerodrome design manual Part-6, chapter 5 and US department of transportation, FAA Advisory circular No 150/5345, April 2007

Specifications/technical details included are subject to change without notice.