

To6 Light Duty Radar Tower

The To6 is a lattice steel triangular tower, with tubular legs and angle bracing. Face width tapers from 4.7m at base to 2m at the top.

Suitable for heights up to 40m, depending on location and loading, this system is primarily designed for light antenna radar systems—GMR/SMR/VTMS.

Specification

Design

Analysis and member design in accordance with ANSI TIA or Eurocodes as required.

Wind loading

Jaggard holds extensive data on wind speeds worldwide and can advise on suitable basic wind speeds for sites in most locations. Jaggard can also advise on the application of basic wind speeds for different topographies such as coastal plain, suburban, countryside, hills, mountains etc

Deflection

Towers can be analysed against specific deflection criteria (tilt & twist) as required by the client or as suited to the application.

Construction & materials

Tube and angle steel construction with bolted connections. Mild or high yield steel members as required or specified.

All members hot dipped galvanised as standard and/or finished with protective paint coating systems as required.

Foundations & Geotechnical

Jaggard can provide complete foundation design & construction services or issue design data for third party design & construction as required.

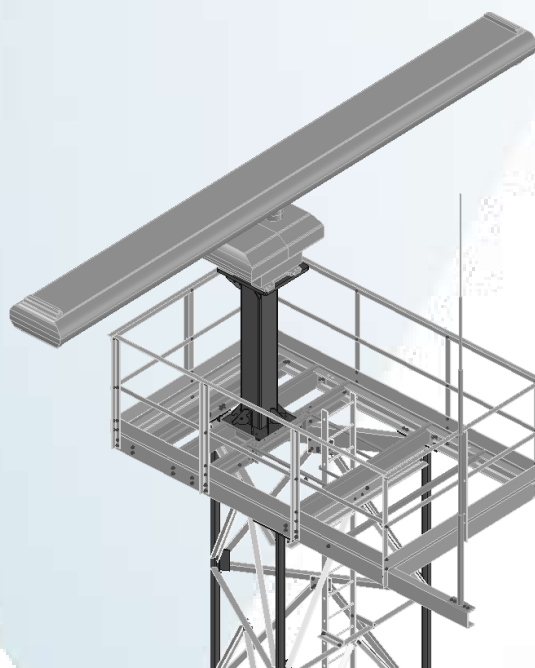
Installation

Jaggard can undertake tower erection and installation services with their own qualified and experienced teams or supervise third-party installations if required.

Accessories

Standard tower is typically provided with the following accessories:

- Aircraft Warning light system - ICAO compliant
- Paint system – Red & White banding, ICAO compliant
- Lightning protection—IEC/BS EN 62305 compliant
- Work platform on tower and rest platforms
- Access ladder and feeder brackets—Internally mounted, galvanised steel



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