

Frangible aluminium masts - Indra



COMPLIANCE

- ICAO Annex 14
- EASA CS-ADR-DSN.M.710
- OACI Doc 9157 - Aerodrome Design Manual - Part 6 "Frangibility"



BOARDING TIME

BOARDING PASS

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE

GAES 454843121451100

NAME OF PASSANGER

FROM:

TO:

DATE

GATE 23

FLIGHT GAES2020

SEAT 21B

GOMINTEC

BOARDING PASS

GOMINTEC



Uses

Masts for elevated approach systems, wind direction indicators, antennas, meteorological systems, etc.

Features



- Masts made of aluminum for airport applications up to 16.5m height.
- Designed and produced according Doc 9157 "Aerodrome Design Manual", part 6 "Frangibility" of ICAO.
- Robust and light structure made with aluminium and yellow aviation color finishing. The bases and fixing and folding platens of masts will be made in aluminium and all the screws from marine grade stainless steel. The base, fixed or folding depending on installation height, will be fixed to the foundation through 3 or 4 anchor bolts, depending on the sizes.
- Available four mast sections, 2 triangular and 2 square, offering a variety of combinations to solve any frangibility requirement up to 16.5m height.
- Long-life masts, no need maintenance and free corrosion.
- Aluminum crosses for mounting up to 5 elevated approach lights, with the possibility to regulate the height of the light installation up to 50cm.
- Fixed masts, with folding base or folding by midpoint, according the heights and project requirements.
- Possibility of integration with a motorized winch to support the lifting and folding of the masts.

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Configuration Examples

No. Lights	Height of light	Type
1	0,64m-7,35m	3S

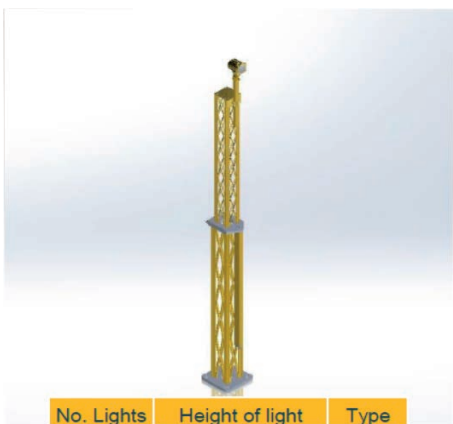


No. Lights	Height of light	Type
1	8,06m-10,47m	3M/3S



No. Lights	Height of light	Type
1	7,23m-8,3m	4S

No. Lights	Height of light	Type
1	12,90m-16,09m	3L/4M/4S



No. Lights	Height of light	Type
1	10,47m-13,08m	4M/4S

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Installation Examples



Approach system



*Mast for
Glide Path*



Structure for ILS