

## Frangible aluminium masts



### COMPLIANCE

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

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE



BOARDING TIME

BOARDING PASS

GOMINTEC

BOARDING PASS	
NAME OF PASSANGER	
FROM:	
TO:	
DATE	FLIGHT GAES2020
GATE 23	SEAT 21B



### Uses

Masts for elevated approach lighting systems, wind direction indicators, NavAids, 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 design of light structures made of aluminium painted in aviation yellow color. The base plate, fixing bases, and hinging devices are made of aluminium whilst the screws are made of marine grade stainless steel. The base, fixed or hinged depending on installation height, is fixed to the foundation through 3 or 4 anchor bolts, depending on the sizes.
- Four types of mast sections available, 2 triangular and 2 square, offering a variety of combinations to solve any frangibility requirement up to 16.5m height.
- Long-life masts, maintenance-free and protected against corrosion.
- Aluminum cross-bars allow mounting of up to 5 elevated approach lights, with the possibility to adjust the installation height of each light by up to 50cm.
- Fixed, base-hinged or mid-hinged masts according to the project needs.
- Possibility of integration with a motorized winch to support the lifting and folding of the masts.

Frangible aluminium masts



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

Frangible aluminium masts



Installation Examples



*Approach system*



*Mast for  
Glide Path*



*Structure for ILS*