

BASE PLATE

COMPLIANCES

ICAO annex 14 volume 1

FAA AC 150/5345-46 (current edition) for mounting of elevated lights, except L-804 runway guard light



TEK.255.M.02

APPLICATIONS

The T300/3 base plate is used for the mounting of an elevated light on a FAA L-867 deep base, or on a concrete block, either directly or by means of a breakable coupling.
The following applications need a different base plate:

- Runway guard lights,
- Holding position lights,
- Taxiway guidance signs,
- Electronic cabinets for flashing lights.

FEATURES

- Fully corrosion-proof due to the use of synthetic material.
- Durable yellow color, thanks to the special UV improvement of the resin.
- Design based on Finite Elements Analysis, ensuring a mechanical resistance (load and flexion) at least equal to traditional steel plates.
- Easy removal of the elevated lights, even years after installation. the 2 Inch thread will never be locked by corrosion.
- Three aluminum lugs ensure an electrical connection with the thread of the elevated light, allowing earthing of the light.

MECHANICAL CHARACTERISTICS

- Fits a L-867B FAA deep base.
- Accepts all elevated lights and couplings of 2-inch diameter.
- Tested for UV resistance.
- Tested in excess of FAA AC150/5345-46B requirements for bending moment (jet blast): 1.300 Nm.
- Tested in excess of FAA AC150/5345-46B requirements for distributed vertical load: 11.340 N.
- Tested in excess of FAA AC150/5346 (current edition) at wind speeds of 482 km/h (300 mph).
- Resists A380 jet blast with BPE fitting mounted on top, on 45m wide runway.