

Standard IDECO 51-foot Airway Beacon Tower

### Airway and Airport Beacon Towers

**S**ELECTION by the U. S. Government of IDECO galvanized structural steel airway beacon towers for use in the U. S. Air Mail service demonstrates beyond question the soundness of IDECO engineering and construction.

IDECO Beacon Towers are regular equipment on every important airway in the United States. They have been specified for thousands of miles of the lighted airways by the U. S. Department of Commerce and are also used by many privately owned airports.

These towers are especially constructed to resist high winds and storms. They are protected against the weather, rust and corrosion by hot dip galvanizing and are fire and lightning proof—essential requirements for structures of this type. Ease of erection has been stressed, due to the many out-of-the-way locations where transportation and erection is naturally difficult.

All members have been standardized and are built over jigs and dies, insuring absolute interchange-

ability and eliminating any cutting or fitting in the field. The best quality of structural steel is used, conforming to the specifications of the American Society for Testing Materials. Hot dip galvanized after fabrication, there are no exposed surfaces for rust and corrosion to attack and weaken the structure. Erection diagrams showing both foundation plans and erection details are furnished with each tower. All members and parts of the structure have erection numbers permanently stamped into the steel.

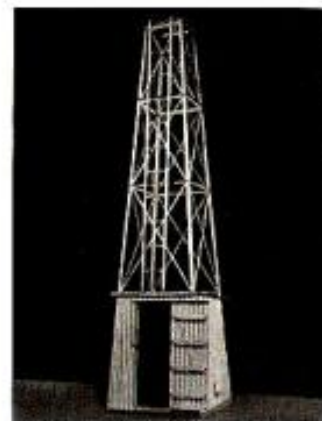
Heights vary from the short 20' tower used on the deserts and plains country to towers 87' or more in height. The standard tower is 51' in height but due to the topography of the site or other conditions additional heights are frequently required.

For beacons located on isolated spots, inaccessible to electric power, IDECO Towers with small houses built in the base are furnished for housing the small electric light plants or acetylene tanks.

IDECO beacon towers are designed for use with all standard makes of beacon lights with suitable mountings for attaching them. Neon lights and other fog and mist penetrating lights can be also mounted on these towers utilizing special fixtures to hold this special lighting equipment.

In addition to these standard towers International is in a position to furnish special towers to meet any requirement. International also manufactures flood-light towers, ground light supports, radio towers, mooring masts, hangars and all of the various types of buildings needed for an airport or airway. IDECO engineers will gladly assist in the preparation of plans and specifications without obligation.

For further information write **The International Derrick & Equipment Company**, Columbus, Ohio; Detroit, Mich.; Shreveport, La.; Houston, Tex.; Dallas, Tex.; Tulsa, Okla.; Torrance, Calif.; New York, N. Y.



20-foot Beacon Tower with house in base