



To Whom it might concern

Our Ref.:

TB

03 September 2019

## No effect of AmpliSafe aluminum approach light structures on Instrument Landing Systems (ILS) performance

Indra Navia, the world's largest exporter of Instrument Landing Systems (ILS), have never experienced or are aware of negative effects of such masts on the ILS signal performance.

ILS signal are horizontal polarized. That means vertical metal structures, like light masts, have no effect on the ILS signals.

Indra Navia AS

Horizontal light bars are always installed symmetrically with respect to the approach line. Hence, such bars will not affect the ILS guidance signals.

Yours sincerely,

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