

Dear Sir/Madam,

PROPOSAL: Scoping opinion for Single Wind Turbine (Max height to blade tip 150m) & associated infrastructure.

LOCATION: Beinn Thulabaigh Pentland Road To Achmore Achmore Isle Of Lewis

This development falls inside the safeguarded areas for **Stornoway Airport** (as defined in CAP 764 – CAA Policy and Guidelines on Wind Turbines and CAP 670 - Air Traffic Services Safety Requirements).

The turbine would cause a significant infringement to Stornoway Airport's safeguarded surfaces and could possibly affect the performance of electronic aeronautical systems.

The CAA expects HIAL to provide evidence that the safety of the Air Traffic Provision will not be compromised or degraded by the development, and a safety case/full assessment would need to be submitted to them. This would require more detailed work to be undertaken, and will incur a cost. Therefore HIAL would look to pass any charges incurred onto the developer.

In any event an aviation warning light would be required to be fitted at the hub height of the development.

Please Note:

1. There have been several applications for wind turbines in this area. Whilst a single turbine can have a lesser effect on aviation operations, it is the proliferation of developments, and the resulting cumulative effect, that is of far more significant concern. It may be possible to successfully mitigate the effects of a single turbine. However, the combined effect of numerous individual turbines or multiple wind turbine developments can be hard, if not impossible, to mitigate. Therefore it is feasible that Highlands and Islands Airports Limited would lodge objections to developments in areas where they had previously been able to accommodate proposed wind turbine developments.
2. The Civil Aviation Authority specifications are for a steady red omnidirectional light at a minimum of 32cd. Infra-red lights are specifications for military aircraft only, and cannot be seen or detected by civil aircraft, hence the specification above.

Therefore Highlands and Islands Airports Limited would **object** to this proposal unless some form of mitigation can be found.

Regards

Safeguarding Team

Highlands and Islands Airports Limited

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