

Met mast aviation options

ART provides comprehensive aviation solutions to enhance the visibility and safety of met masts. These solutions can be incorporated into new builds or retrofitted to existing masts. All systems are designed to meet industry best practices and are tailored to site-specific requirements, including regulatory, council, and operational needs.

Aviation lighting options

ART offers a range of aviation lights to meet compliance and safety requirements, from low-intensity red to medium-intensity red and white systems. Lights can be steady or flashing, operating either 24 hours or night-only, with some models providing infrared output for night vision compatibility.

Systems can be powered through self-contained solar/battery units or custom-designed power systems with optional monitoring and alarm integration.



Additional aviation marking options

To further enhance mast visibility and ensure compliance, ART provides a variety of visual markers:

Marker balls

Standard installations include 300 mm marker balls on each outer guy wire. Larger 600 mm balls or additional balls can be installed based on aviation impact assessments.





Rotamarka flags

Typically, two or more flags can be installed along the outer guy wires.

Aviation painting

Mast sections can be powder-coated in alternating red and white for high visibility, applied at our in-house spray painting facility. Anchor pavers, fencing, and bollards can also be painted red and/or white to mark the site from the ground.

Guy wire sleeves

White PVC sleeves can be installed around guy wires for additional visibility. This also enhances the visibility of the lowest guy wires for vehicle movements.

ART's aviation solutions ensure compliance, improve aircraft visibility, and provide flexibility to meet site-specific conditions. By combining lighting, markers, and ground treatments, each mast can be clearly identified day and night, supporting safety, regulatory adherence, and operational peace of mind.

Contact ART

For guidance on the best aviation options for your met mast project, contact ART for a tailored solution.



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