

Application Scenarios

Disaster Situation Mapping



- Accurately measure and map disaster sites, analyze the extent of the disaster, and provide precise information to the Disaster Site Command.
- Mainly deployed in diverse natural and man-made disasters and other emergency situations.

Administrative District Mapping



- Mapping government administrative areas.
- Mainly utilized for urban zoning investigations, rural site planning, organization, and tourist attractions, etc.

Agricultural Regionalization Mapping



- Mounted with a large-field of view angle and multi-scanning angle aerial mapping equipment.
- Large-scale surveying and mapping modeling survey of agricultural areas.
- Mainly used in the reasonable planning and accurate survey of agricultural areas such as forestry, animal agriculture, fishery, and planting industry.

Complex Environmental Mapping



- Mounted with high-precision high density aerial mapping camera.
- Modeling and mapping the complicated urban, mountain, and water environments.
- Mainly used in the modeling and measurement of complex cities, mountainous areas, tundra, and marsh area.

CETC



SkyLens

—Aerial Photography and Mapping Aircraft

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All or any specification given in the brochure are for reference and the manufacturer reserves the right to final interpretation. Data is subject to change without prior notification. Images may showcase experimental aircraft.

Introduction

- High-level security;
- Long operating time;
- High/low speed performance;
- Quick assembly and retrofit;
- High operational efficiency and low operating costs.
- Applicable Aero camera :



Technical Specifications

Dimension (Length/Height/Wingspan)	8.56 m/ 2.49 m/ 13.55 m	28 ft 1 in/8 ft 2 in/44 ft 4 in
Max. operating altitude	5,486 m	18, 000 ft
Max. cruising speed (16,000 ft)	352km/h TAS	190 KTAS
Stall speed	130km/h TAS	70 KTAS
Economical cruising speed	280km/h TAS	151 KTAS
Typical airborne operations time ¹	6-8 h	6-8h
Max. range	2,357 km	1, 275 nm
Fuel capacity	289 Lt	76.4 US gal
Fuel consumption	24.2 Lt/h	6.4 gal/h
Twin-engine rate of climb	6.8 m/s	1, 325 fpm
Take-off/ Landing distance	886 m/ 647 m	2, 907 ft/2, 122 ft
Empty weight/ MTOM	1,365 kg/ 2,001 kg	3, 009 lbs/4, 411 lbs
Useful load	636 kg	1, 402 lbs
Demonstrated crosswind	46 km/h	25 kts

¹ With standard mission equipment and 2-man crew.

Configuration Options

Aerial Photography and Mapping System Platform

- Low operating cost
- High efficiency
- Reliability and safety of the installed equipment
- Strong retrofitting capability

