

CAPABILITY STATEMENT

# CASA C-212 <sup>✈️ 5</sup>



## CERTIFICATIONS

FAA Part 91 & 135 Air Carrier | CARB Carrier | USSOCOM Commercial Paratroop Air Carrier |  
HAZMAT Carrier | FAA Part 145 Repair Station | FAA Part 5 Safety Management System |  
Canada TAO | Royal Air Force Paratroop Carrier

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# SINCE 1996, THE PREMIER AERIAL PLATFORM FOR CONUS AIRBORNE OPERATIONS

Win Aviation is a USSOCOM J-31 inspected and approved, CARB certified and FAA Part 91 and 135 air carrier based at DeKalb Taylor Municipal Airport (DeKalb, IL) and Coolidge Municipal Airport (Coolidge, AZ).

We have a long, established history in the parachute industry, supplying paradrop airlift solutions to military, government and civilian clients in the USA, Canada, Mexico and the United Kingdom since 1996.

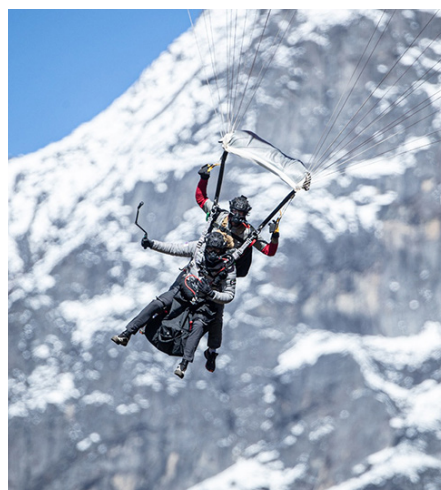
As the premier aircraft and aircrew supplier for military parachuting in Southern California and Arizona, we have flown over 70,000 flights executing 1 million jumps in the past six years. We provide a robust service package for the Joint Special Operations Command community for safe, dependable and quality parachute training.

Win Aviation also operates in Canada with its own TOA under the NAFTA agreement and has been approved by the Canadian Department of National Defence for paradrop operations.

Win Aviation aircraft and pilots are further assured by Royal Air Force HQ1Gp, under Military Aviation Authority Regulatory Article 1240, to provide paradrop training support.

## MISSION PROFILES

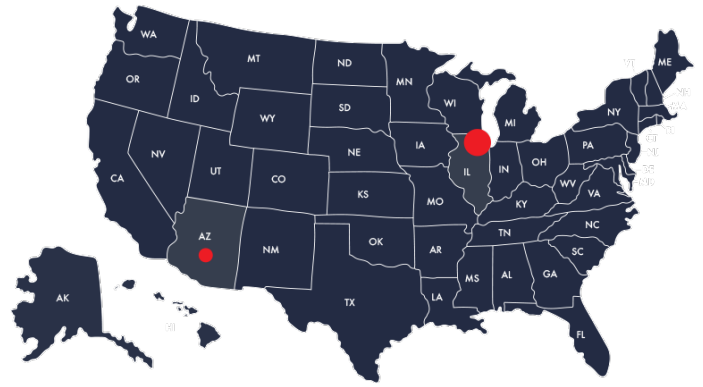
- Static Line and Military Free Fall operations
- HALO/HAHO jumps
- Military tandem tethered bundle drops
- Double-bag Static Line jumps
- Pallet, cargo and CDS bundle drops
- Day and night operations
- Water and ocean drops
- Ultra-cold weather missions
- Infiltration and extraction missions
- Rescue and resupply missions
- Spotter training
- Air-to-air photography





## LOCATIONS

We have two FAA Part 145 repair stations and base of operations; the main repair center is located at our Win Aviation Headquarters at DeKalb Taylor Municipal Airport (DeKalb, IL), and our satellite repair station is located at Coolidge Municipal Airport (Coolidge, AZ).



With over 32 aircraft, 20 pilots, 15 A&P certified mechanics, and a dedicated logistics team, Win Aviation is able to deliver unparalleled service and superior airborne capabilities at multiple geographically dispersed locations, simultaneously.

## PILOTS

Win Aviation's aircrews consists of seasoned FAA certified commercial and airline transport pilots who are type-rated and IFR-rated in their respective aircraft. Our pilots receive Crew Resource Management and aeronautical decision making in addition to annual in-house and online training to improve their skills and promote safety.

Win Aviation pilots are highly experienced and exclusively fly for military paratroop training missions.

## MAINTENANCE

Win Aviation's aircraft are tracked through our proprietary Aviator system and maintained according to the most rigorous industry standards. Aviator records flight times and blade hours, the flight data is then integrated into the maintenance tracking module which provides technicians and crews real time information regarding the maintenance status of each aircraft via QR Code displayed in the flight deck.

Crews are able to notify Win's maintenance team through Aviator regarding any maintenance issues that may arise. Technicians will either be dispatched to the aircraft to make the necessary repairs, alternatively our logistics team will work with the client to dispatch a replacement aircraft.

Our repair stations include all necessary aviation ground equipment, parts, tooling, labor, and expertise to conduct scheduled and unscheduled maintenance on our own fleet as well as private and commercial clients' aircraft.



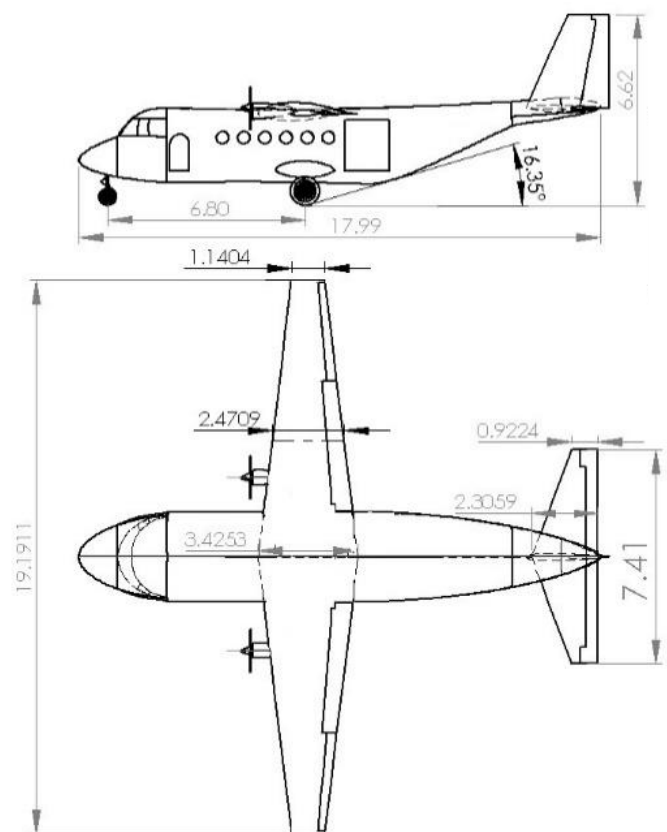
Win Aviation owns and operates five CASA C-212s of which two of the aircraft are FAA Part 135 certified and reflect on our Ops Spec (D085 – Aircraft Listing).

## PERFORMANCE & DIMENSIONS

The CASA C-212 Aviocar was developed by Construcciones Aeronáuticas SA (CASA) during the late 1960s as a short-haul paratroop and cargo carrier, with the last airframe produced in 2012. With its boxy fuselage, high-mounted wing and conventional tail shape, the CASA C-212 is a versatile and robust aircraft that can carry up to 20 troopers for military parachute operations.

The CASA C-212 is powered by two Honeywell TPE331-10R engines. Fully loaded, the aircraft has a climb rate of approximately 1000 ft per minute. The aircraft has fixed tricycle landing gear and STOL characteristics, making it suitable for operations in rugged, unimproved runways.

Cruise speed	180 kts
Stall speed	64 kts
Range	800 NM/5hrs
Fuel burn	900 lbs./hour for jump operations
Service ceiling	25,000 ft
Empty weight	10,330 lbs
Max take-off weight	16,980 lbs
Useful load	6,650 lbs
Cabin height	5.9 ft
Cabin length	19 ft
Cabin width	6.9 ft
Cabin volume	773 cu ft
Rear ramp door width	5.5 ft
Door height	5.8 ft
Capacity	20 troopers





## PARADROP EQUIPMENT & CONFIGURATIONS

The cabin has a reinforced cabin floor with Douglas tie-down tracks for cargo transport, as well as fold-up military grade nylon side benches for troopers. All aircraft cabins are Night Vision Goggle (NVG) compatible for paratroop operations conducted at night. Additionally, the cabin can be configured to include an oxygen manifold and regulator for operations at high altitudes.

Each CASA C-212 is equipped with dual 23 ft stainless steel tether lines for Static Line (SL) operations and the rear ramp door is electrically operated by either pilot or Jump Master.

## COMMUNICATIONS

Win Aviation's CASA C-212 aircraft are all equipped with dual Garmin GTN750 IFR Navigators (GPS/Nav/Com). The Automatic Dependent Surveillance-Broadcast (ADS-B OUT) is a remote Garmin GTX33ES, controlled by and displayed by the GTN750. The Audio Control is supplied by a remote Garmin GMA35, controlled by and displayed by the GTN750 IFR Navigator.

To accommodate accurate and safe jump operations, the aircraft is fitted with jump lights (Red/Green) and two-way communications system between pilots and Jump Master.



## WHY CHOOSE WIN AVIATION



## CONTACT INFORMATION

For more information visit our website or contact us with your inquiry detailing mission/operation requirements and scheduling dates.

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