

CAPABILITY STATEMENT

SC-7 SKYVAN ^{✈️ 9}



CERTIFICATIONS

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

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🌐 winaviation.com



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.

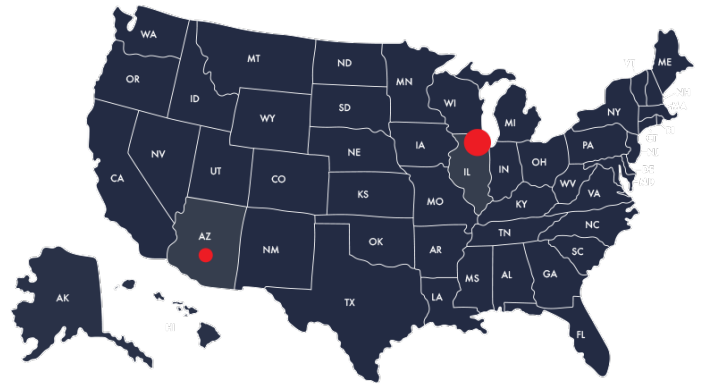
MISSION PROFILES

- 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 nine SC-7 Skyvans of which four of the aircraft are FAA Part 135 certified and reflect on our Ops Spec (D085 – Aircraft Listing).

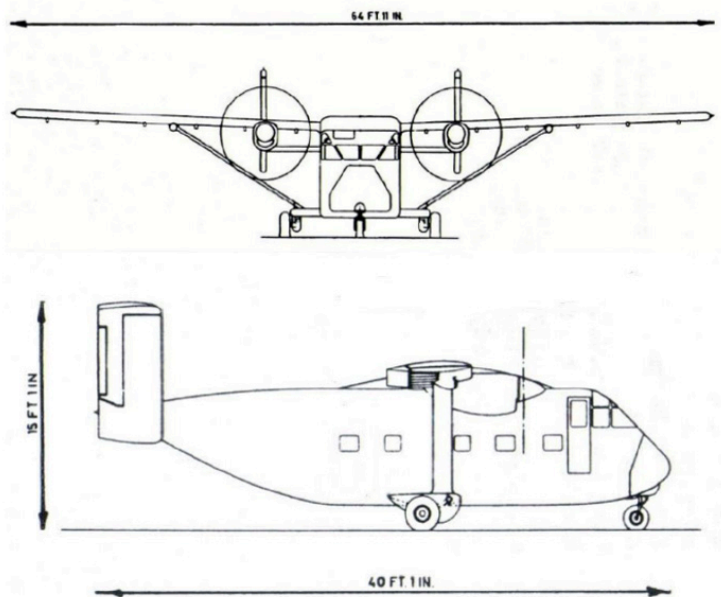
PERFORMANCE & DIMENSIONS

The SC-7 Skyvan was developed by Shorts Brothers in the early 1960s as a short-haul freight and skydiving aircraft, with the last airframe produced in 1968. Its distinct square shape airframe and Short Take Off and Landing (STOL) characteristics makes the SC-7 Skyvan a versatile and robust aircraft that can carry up to 20 troopers for military parachute operations.

The SC-7 Skyvan is powered by two 715 hp Honeywell (Garrett) TPE-331-2-201 (Super 2) engines; one of the most reliable and proven turboprop engines in the world. Fully loaded, the aircraft will maintain a climb rate of approximately 1640 ft/mi making it a very economical aircraft.

The SC-7 Skyvan’s excellent STOL capabilities, make it the ideal choice for operating in austere environments. The SC-7 is a smaller replica of the SD-3 Sherpa in terms of cabin cross section and ramp dimensions, which allows for a seamless transition for instructors and students.

Cruise speed	150 kts
Stall speed	60 kts
Range	600 NM/4hrs
Fuel Burn	680 lbs/hour for jump operations
Service ceiling	20,000 ft
Empty weight	8,500 lbs
Max take-off weight	12,500 lbs
Useful load	3,600 lbs
Cabin height	6.4 ft
Cabin length	18 ft
Cabin width	7.4 ft
Cabin volume	879 cu ft
Rear ramp door width	6.5 ft
Door height	5.3 ft
Capacity	21 troopers



PARADROP EQUIPMENT & CONFIGURATIONS

The full stand-up 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 paradrop operations conducted at night. Additionally, the cabin can be configured to include an oxygen manifold and regulator for operations at high altitudes.

Win Aviation's SC-7 Skyvans are unique in that the rear ramp door is electrically operated by either pilot or Jump Master.

Each SC-7 Skyvan is equipped with dual 23 ft stainless steel tether lines for Static Line (SL) operations and allows for multiple Double Bag Static Line (DBSL) jumps on a single pass – a service none of our competitors can provide.

COMMUNICATIONS

Win Aviation's SC-7 Skyvan aircraft are all equipped with Avidyne™ dual VHF transceivers, and two Mode S transponders. Additional avionics include Stratus™ WiFi, Traffic Collision Avoidance Systems (TCAS) and Automatic Dependent Surveillance-Broadcast (ADS-B).

To accommodate accurate and safe jump operations, the aircraft is fitted with jump lights (Red/Green).



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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