



Caravan

Special Missions



Cessna
A Textron Company

Caravan

Special Missions

***Your Special Mission may already
be standard practice***

- *Geophysical Exploration*
- *Search and Rescue*
- *Border Patrol*
- *Prisoner Transport*
- *Counter Insurgent Operations*
- *Missionary Services*
- *Pilot Training*
- *Air Cargo Transport*
- *Passenger/Cargo Remote Transport*
- *Paratroop and Supply Drop*
- *Military Reconnaissance*
- *Game Preserve Reconnaissance*
- *Air Medivac/Ambulance*
- *Sport Parachuting*
- *Police Personnel Transport*
- *Fire Suppression Assistance*
- *Electronic Surveillance*
- *Troop Transport*
- *Photo Mapping*
- *Pest Control*
- *Emergency Food Supplies*
- *Relief Evacuation*
- *Food/Fuel Supplies to Remote Areas*
- *Pipeline Inspections*
- *Powerline Patrol*
- *Maritime Patrol*
- *Amphibious Transport*
- *River Patrol*



Total Mission Versatility

The Caravan combines an unequaled 99.8% dispatch reliability rate with a level of versatility that only this aircraft can provide. The large 340 cu. ft. cabin with a wide, flat floor is an ideal platform for any type of equipment, personnel or supplies. Augmenting this carrying capacity is a range/payload combination of up to 907 nautical miles and 4,548 pounds of useful load. For further versatility, the Caravan requires as little as 1,365 feet of ground roll for take-offs and landings. Here are four specific reasons why the Caravan should be your special mission choice today.

1. Big

- Up to 451 cu. ft. of space including optional cargo pod
- Space for up to 14 people, 3-abreast seating with aisle
- Wide cargo door for fork lift/pallet loading or parachuting (Cargo door removed)
- 5.2 ft. wide cabin with flat floor up to 16.8 ft. long
- Up to 3,500 lbs. of payload

2. Tough

- Drag link nose gear designed for maximum strength with minimum maintenance
- Rugged tubular spring steel main landing gear cushions landings even on rough terrain
- Wing spars, struts, wing carry-thru structure in the fuselage certified to "fail safe" criteria.
- Provisions for plywood floor to distribute concentrated loads

3. Simple

- Conventional, easily maintained airframe and flight control system
- Bleed air heat eliminates need for combustion heater
- Simple, easily maintainable tricycle landing gear
- Manually operated inertial separator system
- Designed for ease-of-maintenance

4. Reliable

- Proven dispatch reliability rate in excess of 99%
- 4 million Caravan fleet hours to date
- Extensive redundant systems
- Uses most aviation jet fuels and avgas for emergencies
- Reliable PT6A engine has accumulated over 300 million flight hours
- Long engine life with low cycle costs
- Manual backup for fuel control unit
- Worldwide product support
- Easy all-weather starting



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The Caravan has been meeting Specialized Needs for over a decade

Since the Caravan's introduction, special missions has been a primary application for this aircraft. Because this aircraft offers such versatility, the missions are virtually unlimited. Here are just a few of the most frequent uses including available equipment provided by Cessna and other manufacturers.



Troop Support and Deployment

For aerial supply drops and troop deployment, the standard cargo door can be removed for flight or replaced with a Cessna-designed electric, roll-up door that can be opened in flight. It is operable from either the cockpit or the cabin, and retracts along the cabin headliner. Parachute static lines, red/green light signals in the cabin and additional head phone jacks are also offered by Cessna to assist in aerial troop deployment. Where remote, unimproved landing strips are available, the Caravan is excellent for providing a full range of troop supplies and medivac on a continual basis. The square cabin format, wide cargo door and flat floor are all designed for easy loading of almost any kind of supplies or armaments. Personnel transport is facilitated by utility seating for up to 13 individuals plus pilot. When not in use, these seats can be folded and stacked to provide more room for supplies.



Surveillance, Search & Rescue

The Caravan is ideal as an observation platform for a wide variety of uses. For surveillance or search and rescue, sophisticated video, still photography and infra-red camera systems can be installed. Cessna can assist you in selecting the proper equipment to meet your needs. Many Caravan operators are now using these systems for border patrol, drug interdiction and/or surveillance of criminals or troop movements during the day or night. For patrolling and surveillance of beaches, rivers and lakes, the Caravan 675 Amphibian is ideal.



Photo Mapping & Geophysical Exploration

In commercial applications, several systems are available on the Caravan for geo-physical exploration, photo mapping and other similar applications. The large cabin and stability of the Caravan make the aircraft excellent for these uses. A variety of floor mounted cameras and other types of equipment are available from several manufacturers, and Cessna can assist you in this process. Stability in flight, ease of handling and long range capability all make the Caravan ideal for these commercial applications.



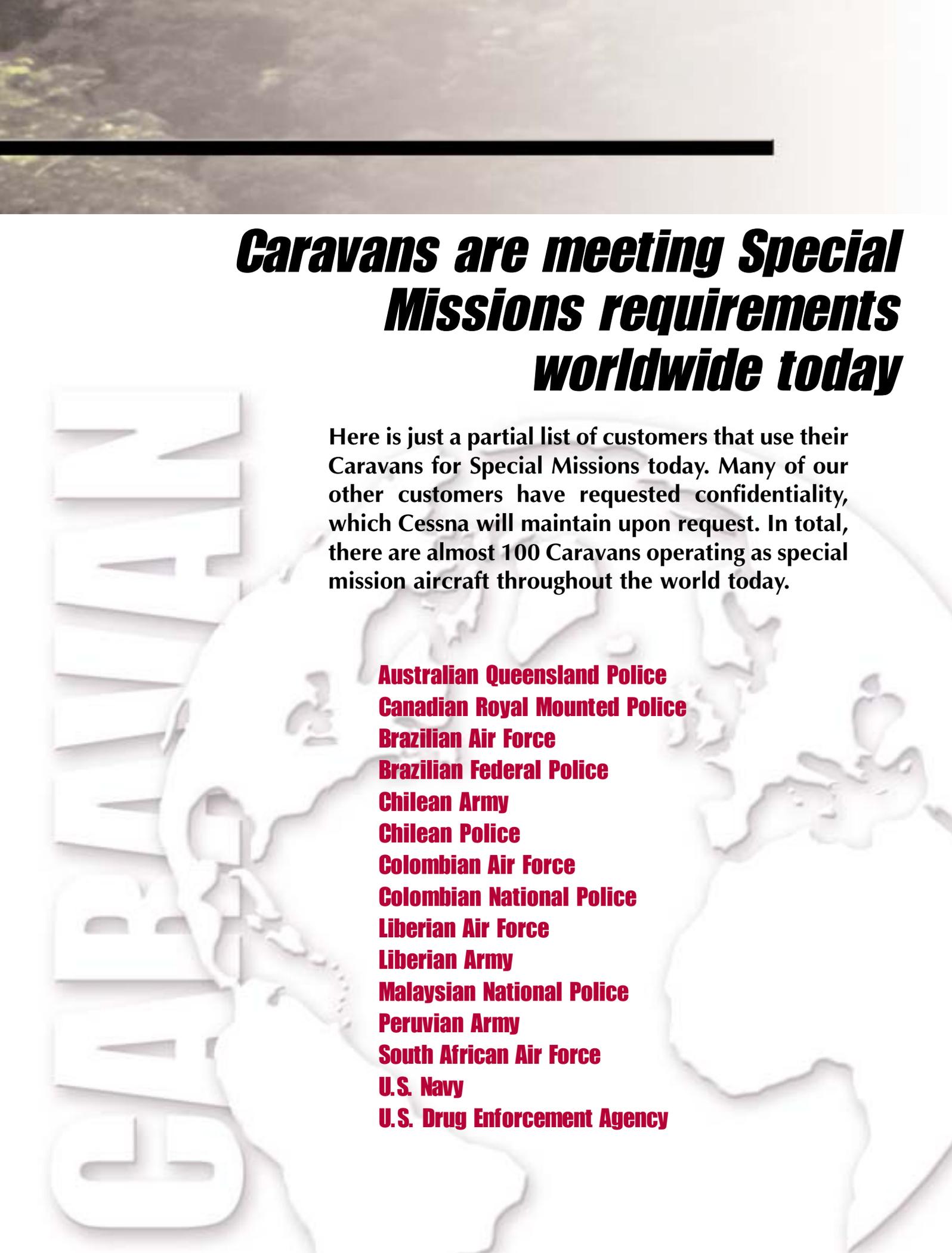
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Air Ambulance Systems

The Caravan's rough field landing capability makes it ideal for remote air ambulance services, providing access to many locations where most other aircraft cannot land. It can carry up to three patients on stretchers with life support systems and medical attendants. For evacuations it can carry up to 13 people depending on local regulations. Several stretcher systems incorporate specialized loading systems that provide faster and easier patient transfer, minimizing ground time. Cessna will assist you in determining which system meets your needs, and assist you in contacting the supplier for ordering and installing the air ambulance system of your choice.





Caravans are meeting Special Missions requirements worldwide today

Here is just a partial list of customers that use their Caravans for Special Missions today. Many of our other customers have requested confidentiality, which Cessna will maintain upon request. In total, there are almost 100 Caravans operating as special mission aircraft throughout the world today.

Australian Queensland Police
Canadian Royal Mounted Police
Brazilian Air Force
Brazilian Federal Police
Chilean Army
Chilean Police
Colombian Air Force
Colombian National Police
Liberian Air Force
Liberian Army
Malaysian National Police
Peruvian Army
South African Air Force
U.S. Navy
U.S. Drug Enforcement Agency

Choose the Caravan that Meets Your Needs Today

Cessna Caravan 675

Now with the same horsepower as the Grand Caravan, Cessna's Caravan 675 offers you all the excellent performance, rugged durability and legendary reliability that have made Caravans great. It combines those benefits with the economy of a slightly smaller aircraft, but no Caravan is truly *small*. You can still load it with more than 250 cubic feet of cargo. This 37.3 foot long, 14.8 foot tall single engine aircraft will take off in 1,160 feet. With a maximum useful load of 4,110 pounds and a cruise speed of 186 knots, the 675 will move mountains in record time.



Cessna Super Cargomaster

The premier cargo-hauling aircraft of our time. The Caravan Super Cargomaster is the same size as the Grand Caravan, but in a lower-priced, cargo-dedicated configuration with a useful load that is 220 pounds greater.

It's a pure, no-nonsense, economical freight machine. Its brute strength and ruggedness are good to go with any load. Cargo-ready features include durable interior sidewalls and a practical, replaceable flat wood floor with pre-marked loading zones. There is also a cargo barrier just aft of the pilot seats for loose loading of cargo freight. If freight hauling is your game, the Super Cargomaster is your future.



Cessna Grand Caravan

Cessna's top-of-the-line Caravan lives up to its grand name. With a larger cabin, more volume, greater useful load and seating for as many as 13 passengers and one pilot (depending on local regulations), the Grand Caravan is a good thing made even

better. It carries 100 cubic feet and 500 pounds more useful load than the Caravan 675. Even with all the available seating, the Grand Caravan can change roles quickly by converting to a cargo hauler in less than half an hour, doubling its duty, and your income.

Cessna 675 Amphibian

The world's largest single-engine aircraft on floats built today is often called "the ultimate amphibian". Go anywhere and bring along your friends and all their gear. You'll see eye to eye with airline pilots from your second-story cockpit. You will also experience an unparalleled level of freedom. The Amphibian adds another dimension to the Caravan 675's flexibility by offering both land and water operations, more than 975 miles of range and 400 pounds of baggage capacity in the floats. In all, it delivers more than a ton of payload. Seaplane floats are also available.



Caravan Specifications

	CARAVAN 675	CARAVAN 675 AMPHIBIAN	SUPER CARGOMASTER	GRAND CARAVAN
INTERIOR DIMENSIONS				
Cabin (Aft of Pilot Area)				
Length FT/M	12.7/3.8	12.7/3.8	16.7/5.1	16.7/5.1
Height FT/M	4.3/1.3	4.3/1.3	4.3/1.3	4.3/1.3
Width FT/M	5.2/1.6	5.2/1.6	5.2/1.6	5.2/1.6
Volume CU FT/CU M	254/7.2	254/7.2	340/9.6	340/9.6
Max. Seating FAR 23/Other	10/14	10	2	11/14
EXTERIOR DIMENSIONS				
Overall				
Length FT/M	37.6/11.5	38.9/11.9	41.6/12.7	41.6/12.7
Span FT/M	52.1/15.9	52.1/15.9	52.1/15.9	52.1/15.9
Height FT/M	14.8/4.5	16.3/5.0	14.8/4.5	14.8/4.5
Cargo Pod (External)	OPTIONAL	N/A	STANDARD	OPTIONAL
Weight Limit LBS/KG	820/372	N/A	1090/494	1090/494
Volume CU FT/CU M	83.7/2.4	N/A	111.5/3.2	111.5/3.2
ENGINE	PT6A-114A	PT6A-114A	PT6A-114A	PT6A-114A
SHP	675	675	675	675
Propeller	3 Bladed, Constant Speed, Full Feathering, Reversible			
PERFORMANCE				
Cruise Speed (10,000 ft.)				
KTS/KM/Hr.	186/344	162/300	175/324	184/341
Range (10,000 ft.) NM/KM	932/1726	790/1463	862/1596	907/1680
Includes takeoff, climb, cruise, descent and 45-min reserve at max. cruise power.				
S.L. Rate of Climb FPM/MPM	1234/376	1110/338	925/282	975/297
Service Ceiling				
(Max. Gross) FT/M	25,000/7620	20,000/6096	22,800/6949	23,700/7224
Takeoff S.L. ISA				
Ground Roll FT/M	1160/354	1920*/585*	1405/428	1365/416
50 Ft. Obs. FT/M	2053/626	3015*/919*	2500/762	2420/738
Stall Speed (ldg) KTS/KM/Hr.	61/113	59/109	61/113	61/113
Landing S.L. ISA				
Ground Roll FT/M	745/227	1045*/319*	915/279	950/290
50 Ft. Obs. FT/M	1665/507	1936*/590*	1740/530	1795/547
Maximum Weight LB/KG				
Ramp	8035/3645	8035/3645	8785/3985	8785/3985
Takeoff	8000/3629	8000/3629	8750/3969	8750/3969
Landing	7800/3538	7800/3538	8500/3856	8500/3856
Standard Empty Weight LBS/KG	3973/1802	4980/2259	4575/2075	4285/1944
Maximum Useful Load LBS/KG	4062/1842	3055/1386	4210/1910	4500/2041
Fuel Capacity GAL/LBS	335.6/2249	335.6/2249	335.6/2249	335.6/2249
Wing Loading	28.6 LBS/SQ.FT.	28.6 LBS/SQ.FT.	31.3 LBS/SQ.FT.	31.3 LBS/SQ.FT.
Power Loading	11.9 LBS/SQ.FT.	11.9 LBS/SQ.FT.	13.0 LBS/SQ.FT.	13.0 LBS/SQ.FT.
Range/Payload (200 lb. pilot and 45-min reserve)				
200 N.M. TIME/LBS	1:10/2950	1:19/2179	1:14/3300	1:11/3500
400 N.M. TIME/LBS	2:15/2550	2:36/1759	2:24/2875	2:17/3100

*Water Run FT/M

CESSNA CARAVAN
Sure thing™

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