

AFD BRINGS HOPE TO HIGH PLACES

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'We are right in the middle of the rainforest and there are absolutely no rivers or roads. It takes days to walk anywhere. We made a promise to offer secondary education to this community. But nothing happens without the plane'

Sally Lloyd

Director of Strickland Bosavi Foundation, PNG

For millions of people around the world, isolation means the difference between life and death

According to the World Health Organisation in 2023, one in two people still lack access to essential health services. One in three don't have clean water, 250 million children are not in school, and 680 million are living in extreme poverty.

Studies show that there is a direct correlation between those living in remote, hard-to-reach places and chronic deprivation of this kind.

Papua New Guinea (PNG) is home to some of the most isolated communities on the planet, with 86% of the population living in rural, mountainous jungle. Three in four rural villagers have no access to reliable transport; and 14% rely entirely on aviation.

Since 1951, Mission Aviation Fellowship (MAF) has been using light aircraft to reach villages in PNG that are inaccessible to the outside world, enabling over 70 partner organisations to deliver development, education and medical care to thousands of people.

Worldwide, MAF flies to more destinations than any other commercial airline, delivering **help, hope** and **healing** in places of acute need.



You have a
once-in-a-lifetime chance of
seeing AFD Software's Cessna
208 Caravan, when it visits
the Isle of Man for a special
dedication event in 2024.

Keep your eyes out
for more details.



BUILDING A FLEET FOR THE FUTURE: THE CESSNA 208 CARAVAN



FACTFILE



GENERAL CHARACTERISTICS

Crew

One

Empty weight

2,145kg (4,730lb)

Capacity

Nine passengers

Gross weight

3,629kg (8,000lb)

Length

11.46m (37ft 7in)

Powerplant

One Pratt & Whitney
Canada PT6A-114A
turboprop
(503kW/675shp)

Wingspan

15.87m (52ft 1in)

Height

4.53m (14ft 11in)

Propeller

Three-bladed
McCauley constant-
speed, full feathering,
reversible pitch

Wing area

25.96m² (279sq. ft)

PERFORMANCE

Cruise speed

186kn (344km/h,
214mph)
true air speed

Range

1,070nmi (1,982km,
1,232mi)

Stall speed

61kn (113km/h,
70mph) calibrated
air speed

Service ceiling

25,000ft

Rate of climb

1,234ft/min

The Cessna 208 Caravan has become the backbone of MAF's modern fleet and provides a great combination of range, capacity, and flexibility. MAF's Caravans are fitted with sturdy landing gear, larger tyres, mud flaps, a rubber scraper for the front tyre and slighter longer nose gear to prevent debris being thrown into the propeller when landing.

Its large cabin fits up to nine passengers and can be adapted to carry bulky cargo such as timber for building projects, fridges full of vaccines, a patient on a stretcher, fuel drums or even motorbikes.

With high performance and low operating costs, the Cessna 208 Caravan has a unique ability to adapt to a variety of demanding environments including a short take-off ground roll.

'The Cessna 208 Caravan can be operated anywhere in the world, and is one of the most trusted and talented, purpose-built utility airplanes ever produced'

Bill Cox, Plane and Pilot, 2021

To celebrate its 40th anniversary, AFD Software — The Postcode People — have decided to donate the first of three new Cessna 208 Caravan aircraft to kick-start MAF's *Fleet for the Future* initiative in PNG. This ambitious project will drive MAF's fleet into the next chapter of high-impact mission flying, enabling MAF pilots and ground staff to offer a more agile, reliable, and efficient service.

An MAF aircraft is more than just a plane, it is access to food for the hungry, relief in the aftermath of natural disaster, safety from the violence of war and urgent help in a medical emergency.

To find out more about MAF's vital *Fleet for the Future* project — or any other aspects of its life-saving work — please get in touch with MAF's Philanthropy & Partnerships team.



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