

Swiss TBM – The Globe Flyer

En route to the Southwestern Pacific



Fly and Have Fun with the **TBM 960** aircraft

Courtesy of Paolo B.

Just the Facts

Paolo received his TBM 960 from Daher in the falls of last year, and together with Anna planned their third adventure tour with the TBM [the previous 2 in TBM930] – performed from late July to end of September – covered a total distance of **30'100 nautical miles**.

Paolo and Anna flew this trip to the South-West Pacific on flight segments to New Zealand, with **46 stopovers in 13 countries**, and discovered some magnificent places.

Paolo's experience as a pilot totals over 2,400 FH, including 1,500 FH on TBM aircraft.



Total Trip Distance [nm]	Total Flight Time	Fuel per h [usg/h] Average	Average Speed [TAS] [knots]	Average Flight Time per Segment	Longest Flight Time & Trip [nm]	Journey Duration [days]
30'100	110	57,20	304	2,23	3,37 & 1'030	70

Preparation – Flight Operation

- Flight Support [<https://www.flightworx.aero/>]:
 - Overflight & Landing Permits to get the correct clearances to guarantee the access to the airspace.
 - Online Fuel Portal to access to the pricing at any time and get the related quote.
 - Flight Planning & Operational support by checking NOTAMs for any restrictions along with the operating hours and availability of customs and immigration at all airports including but not limited to the additional cost implications such as handling charges, permit prices and the cost of aviation fuel in the specified location.
- Accurate Navigation Information: Jeppesen + Foreflight
 - View Jeppesen's global charts, terrain, obstacles, and NavData® in ForeFlight, making it your all-in-one solution for planning, briefing, filing, flying, and logging flights.
- Weather Forecast: Using a combination of the applications meteoblue.com and windy.com
 - meteoblue.com [a Swiss application] providing the forecast by combining more than 25 different weather models to achieve world-leading accuracy.
 - Windy.com primarily focused on wind animation, and also include various essential meteorological parameters, such as temperature, pressure, relative humidity, cloud base, and additional panels featuring more advanced data



Journey Golden Rule:
Before anything else, Preparation
is the key to success.
Alexander Graham Bell




Preparation – Trip, Aircraft and More

- Visa Requirements:
Apply on line [digital format] and shall be applied well in advance.
- Protection of the aircraft - Jet Fuel Additives:
Prist to address the different quality of the fuel.
- Protection of the Pilot & Co-Pilot:
Sun protection cream and pesticide spray especially for the islands.
- Crew Cards & Pilots shirts:
Widely recognized by airport security to ease airport access.



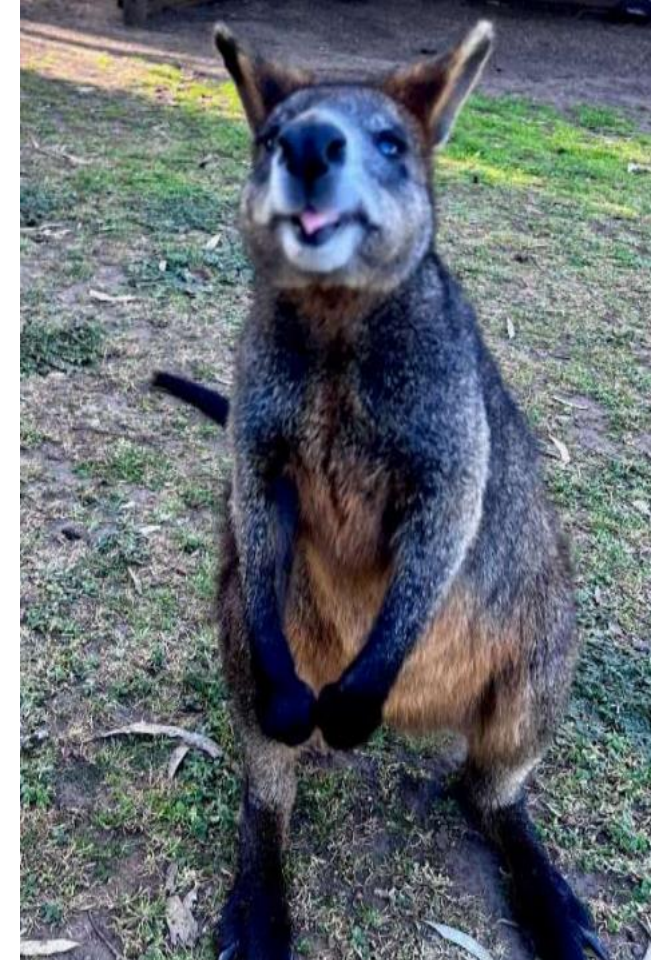
Preparation – Flight Planning

- Flight planning was very important and involved a meticulous preparation and coordination to ensure safe and efficient flights.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
9	Day	Country	Town	ICAO	Time zone	UTC	local	Country	Town	ICAO	Time zone	UTC	Local	Len	Nm	UTC	Local	Country	Town	ICAO	Time zone	UTC	Local	Len	NM
1	<div>PLANNING</div> <div>Trip day by day</div> <div></div>							Destination :		Australia								Budget Total :		#REF! CHF		Total distance :		29891 Nm	
2								Departure :		31. juillet 2023								Trip's len		70 Days		Total time :		53804 Km	
3								Return :		8. octobre 2023										2.3 Mthes					
4								Version :		23.11.2023 23:49															
5																									
6	LEG 1															LEG 2									
7	Departure							Arrival								Dep 2		Arrival 2							
8																									
9	Day	Country	Town	ICAO	Time zone	UTC	local	Country	Town	ICAO	Time zone	UTC	Local	Len	Nm	UTC	Local	Country	Town	ICAO	Time zone	UTC	Local	Len	NM
10	lundi 31 juillet 2023	Switzerland	Lausanne	LSGL	2	08:00	10:00	Greece	Athen	LGAV	3	11:40	14:40	03:40	1'013	12:30	15:30	Egypt	Hurghada	HEGN	3	15:40	18:40	03:10	897
11	mardi 1 août 2023	Egypt	Hurghada	HEGN	3	06:00	09:00	Saudi-Arabia	Riyadh	OERK	3	08:51	11:51	02:51	786	10:00	13:00	Oman	Muscat	OOMS	4	12:30	16:30	02:30	555
12	mercredi 2 août 2023	Oman	Muscat	OOMS	4	04:00	08:00	India	Mumbai	VABB	5.5	07:20	12:50	03:20	911	09:00	14:30	Sri Lanka	Mattala	VCRI	5.5	12:20	17:50	03:20	932
13	jeudi 3 août 2023	Sri Lanka	Mattala	VCRI	5.5	02:30	08:00	Indonesia	Banda Aceh	WITT	7	06:00	13:00	03:30	957	07:00	14:00	Indonesia	Pangkal Pinang	WIKK	7.0	09:45	16:45	02:45	748
14	vendredi 4 août 2023	Indonesia	Pangkal Pinang	WIKK	7.0	02:00	09:00	Indonesia	Bali	WADD	8	05:05	13:05	03:05	796	05:00	13:00	Australia	Broome	YBRM	8	07:40	15:40	02:40	710
15	samedi 5 août 2023																								
16	dimanche 6 août 2023																								
17	lundi 7 août 2023																								
18	mardi 8 août 2023	Australia	Broome	YBRM	8	01:00	09:00	Australia	Darwin	YPDN	9.5	03:10	12:40	02:10	618										
19	mercredi 9 août 2023																								
20	jeudi 10 août 2023																								
21	vendredi 11 août 2023	Australia	Darwin	YPDN	9.5	23:30	09:00	Australia	Cairns	YBCS	10	02:42	12:42	03:12	928										
22	samedi 12 août 2023																								
23	dimanche 13 août 2023																								
24	lundi 14 août 2023	Australia	Cairns	YBCS	10	23:00	09:00	Australia	Hamilton Island	YBHM	10	00:05	10:05	01:05	298										

Paolo's Rules of Flight Operation

- Flight Comfort Profile:
 - Maximum Flight Length:
Chosen max leg length of 1000 NM [wind corrected]
 - Maximum Leg:
Limited to 2 per day.
 - Cruise at FL310.
- Flight Safety Reserve:
 - Ensure enough fuel at FL240.
 - Have a decent alternate.
- The Most Important Rule:
 - Keep his wife happy and no stress.



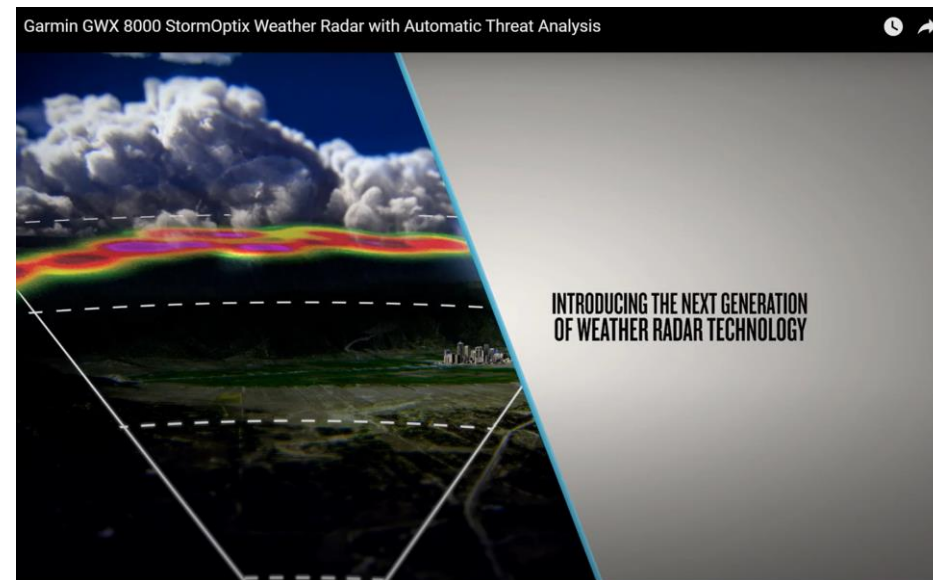
TBM 960 Experience – Paolo's Favourites

The TBM 960 provided the promised high efficiency for more sustainability during this long-haul trip [circa 57 usg/h averaged over 30'100 nautical miles].

But, Paolo was also very impressed with the new Garmin radar, which is simply extraordinary. During his trip, it made navigation much easier.

The GWX 8000 StormOptix is an advanced weather radar solution providing a comprehensive and clear depiction of weather with virtually no effort for the pilot. It goes beyond current weather radar systems by leveraging its autoscan technology to display severe storm cells in unparalleled detail in addition to depicting storms which may contain wind shear, turbulence, as well as lightning and hail prediction.

With these advanced technologies, the pilot workload can be reduced and enables to making timely decisions to more confidently navigate in adverse weather conditions.



<https://www.youtube.com/watch?v=VLuEKXF23Fw>

You Never Fly Alone

Paolo experience during this tour:

Quote

It's brilliant. Daher has once again demonstrated the quality of its support.

My battery gave out on Vanuatu Island. Thanks to the support, I was able to replace my battery in Auckland when I was there.

I have also experienced a “Chip Alarm” during take-off in Oman. A mechanics has been sent to addressed the alarm.

They're really top notch!

Unquote



Adventure Tour Breakdown



The sample of data listed in the table is collected automatically during each phase of the flight using the "Me & My TBM" application.

As a reminder, this application is designed to enhance the flying experience through improved readability, functionality and reporting.

A demonstration of the application can be viewed at the following link:
<https://www.swissflyaero.com/index.php/products-safety/safety-first/the-pilot-perfectionist-apps-me-my-tbm>



Departure	Arrival	Duration	Fuel per h [usg/h]	Fuel Consumed [usg]	Trip Distance [nm]
LSGL	LGAV	3.04	52.8	162	924
LGAV	HEGN	3.00	54.5	164	816
HEGN	OERK	2.42	52.5	142	708
OERK	OOMS	2.34	55.4	143	638
OOMS	VABB	2.35	53.7	193	860
VABB	VCRI	3.32	51.2	181	908
VCRI	WITT	3.22	49.5	167	854
WITT	WIPK	3.13	51	165	791
WIPK	WADD	2.32	55	140	668
WADD	YBRM	2.31	55	139	688
YBRM	YPDN	2.21	56.6	134	601
YPDN	YBCS	3.2	52.7	176	904
YBCS	YBHM	1.06	67.2	74	276
YBHM	YBBN	1.55	56.2	108	479

Impression of the Journey

Over Egypt



Over Saudi Arabia & Kind Welcome



Bali



Arrival in Australia



Around Broome



Paolo's Friend Savaltore joining



www.swissflyaero.com

Arrival in Hamilton Island



Impression of the Journey

Arrival in New Caledonia



Arrival in Vanuatu



Over the Islands of the South Pacific



Arrival in Fidji



www.swissflyaero.com

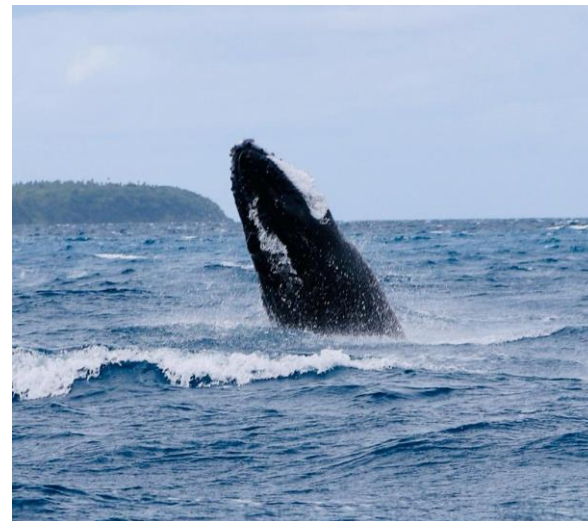


Impression of the Journey

Arrival in Tonga



Swimming with the Wales



Arrival in Auckland



Arrival in Dunedin with a Jacket as Present

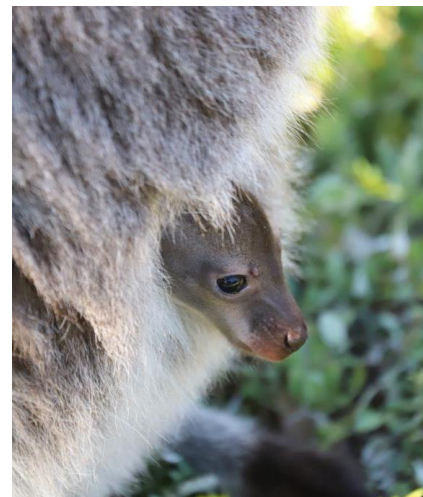


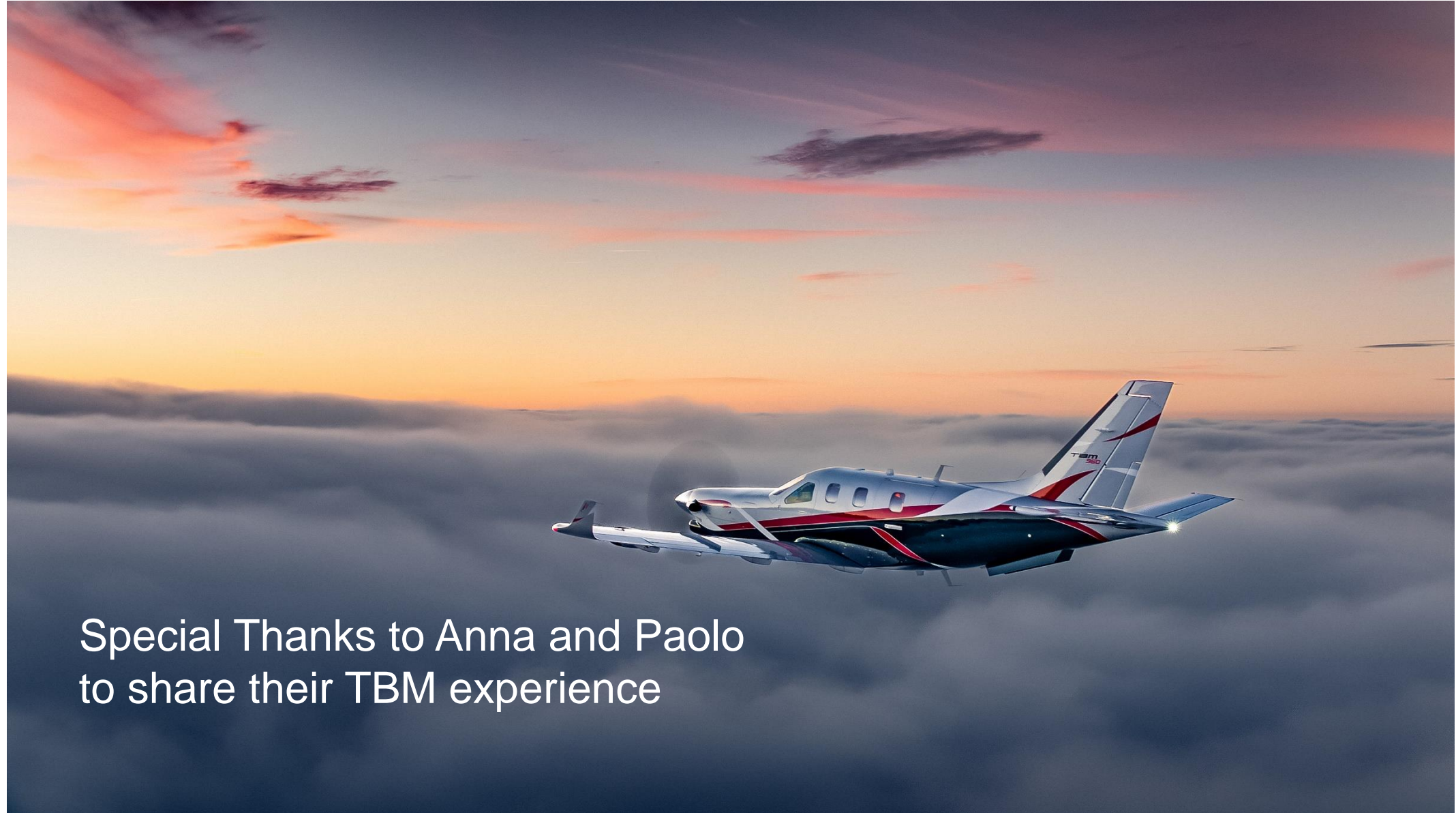
Impression of the Journey

Arrival in Wellington



Fabulous Sidney and Australia





Special Thanks to Anna and Paolo
to share their TBM experience