

2014

MEDIA KIT





PERSONAL DATA & CAREER HIGHLIGHTS

Name:	Matthias Dolderer
Nationality:	German
Occupation:	Air show, Aerobatic & Red Bull Air Race Pilot
Born:	Ochsenhausen, Baden-Württemberg
Date of Birth:	15. September 1970
Interests:	Motor sport, tennis, skiing, biking
Aircraft:	Zivko Edge 540 V3
Team members	Race Team Manager: Claudia Maur Race Team Technician: Tobias Odewald
Website:	www.matthiasdolderer.com
Career Highlights	<ul style="list-style-type: none">• Involvement and synchronisation of the voice of “Jet Echo” in Disney’s high-flying animated movie “Planes” 2013• Author of the book “Kunstflugzeuge” (aerobatic Aircrafts) published in 2013• 8th place overall Red Bull Air Race World Championship 2010• 3rd place Red Bull Air Race Spain 2009/ Best Rookie of the year• 1st place German Aerobatic Championship 2008• 2nd place World Aerobatics Cup 2008• Member National UNL Aerobatic Team 2007/08• Initiator of Tannkosh since 1993 - nowadays Europe’s biggest Fly-In Event• 1st place German Championship Microlight 1991• Member Microlight National Team 1988-1991



“
Flying has been my passion from
the very first moment and my
inspiration.
”
(Matthias Dolderer)



RED BULL AIR RACE 2014

After a three-year break the Red Bull Air Race World Championship is back with top-pilot Matthias Dolderer among the 12-pilot field in 2014. It took a three-year break to improve safety and reorganise.

There is a number of technical improvements, including standard engines and propellers for all pilots, changes to the lightweight nylon pylon material to make them even easier to burst apart if they are clipped by plane wings and raising the height of the pylons that the pilots pass through from 20 to 25 meters. The modus and rules have also been tightened, for example to prevent any pilots from exceeding the set limits.

The Red Bull Air Race World Championship features the world's best race pilots in a pure motor-sport competition that combines speed, precision and skill. Using the fastest, most agile and lightweight racing planes, pilots navigate a low-level aerial track made up of air-filled pylons 25 meters high. There are several rules and safety changes compared to the last race three years ago, but one thing remains the same:

The Red Bull Air Race is the most thrilling motor sports competition in the sky. Kicking off in spectacular style in Abu Dhabi, the World Championship will bring thrilling action to eight locations, in seven countries, across three continents.



ABOUT MATTHIAS DOLDERER

Matthias Dolderer is one of the **most promising newcomers** to the **Red Bull Air Race** since his debut in Abu Dhabi in 2009. The German ace surprised the field of experienced race pilots and made the podium in his first season, **taking third place in the season finale** in Barcelona.

Dolderer has become a **well-known athlete** in the German-speaking world thanks to his unbridled enthusiasm for the sport, his network of media and business contacts, and his ability to convey what is so special about the Red Bull Air Race to a wider audience of the uninitiated. Highly focused, Dolderer is always looking for ways to improve his performance and he was one of the first pilots to invest heavily in the newest high-speed version of the Zivko Edge 540 V3.

Dolderer, who once brilliantly compared the precision flying of the Red Bull Air Race to trying to park a car in a garage while traveling at nearly 400 km/h, took his first flight with his father at the age of three. He grew up at his parent's flight school and at the age of five got hooked. He took his **first solo flight at 14** and his life has revolved around aviation ever since.

The lifetime aviator gained his glider and microlight licence at the age of 17. Just a few days later, he finished **3rd in the German Championships**. At 21 he became the youngest flight teacher in Germany. Together with his sister Verena, Dolderer took over Tannheim Airfield to continue their family's vision: "To establish a meeting place for aviators, enthusiasts, amateurs as well as professionals." The **legendary Tannkosh event, Europe's biggest Fly-In**, became reality in 1993.

"Flying has been my passion from the very first moment and my inspiration. I've spent my whole life in hangars, on airfields and in the cockpit."





In 2006, Matthias Dolderer intensified his aerobatic activities to become a Red Bull Air Race pilot in the near future. **Outstanding achievements in international aerobatic competitions** opened him the way for an invitation to attend the Red Bull Air Race qualification camp in Casarrubios, Spain, at the end of September 2008. Of the six candidates, five qualified for the „super license“ required to compete in the world championship. Dolderer is the **only German to compete against the world's best pilots in the Red Bull Air Race ...** in of 80 millions Germans.

2009 Dolderer had a sensational run in the second half debut year, scoring more points in the final 3 races (22) than anyone - except world champion Paul Bonhomme and runner-up Hannes Arch - to thoroughly shake up the race hierarchy. He finished his first season in style with a **third place on the podium** in Barcelona. In the first half of 2010, Dolderer's plane wasn't competitive enough to keep up. After changing to a new race plane, a Zivko Edge 540 V3, Dolderer could fight back up the field and finished on an excellent 8th place overall.

„The most fascinating thing about the Red Bull Air Race is the low level flying, the precision and the speed. It's a race against the clock and it's a competition with the best pilots in the world. With all the fans, the sponsors and the media attention, we've got the chance to show what aviation is all about to a wide audience. We can talk with them, communicate with them and show them the unbelievable things that we're able to do with our aircraft.“

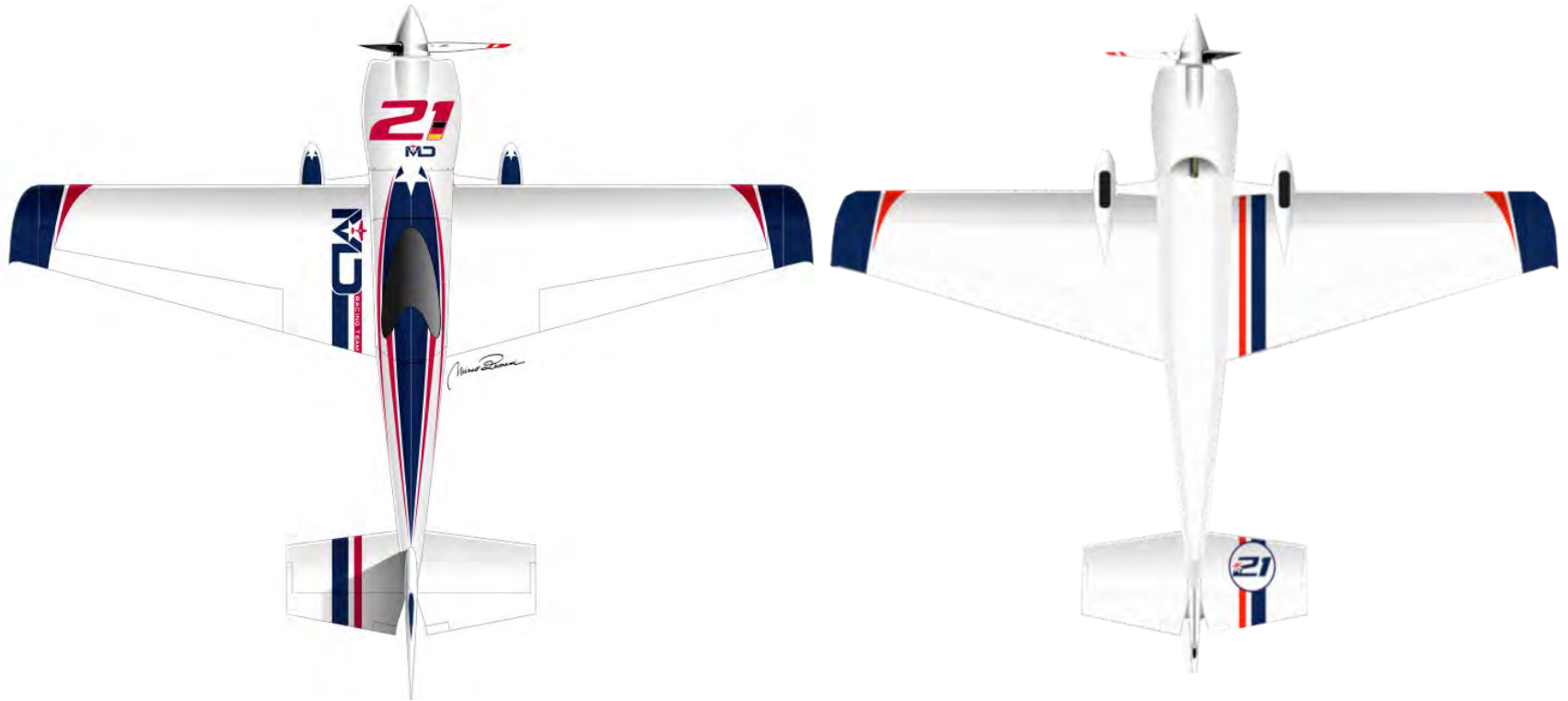
Off the track, he easily reverts back to his fun-loving character. The pilot from the south of Germany **brought a myriad of innovations to the race**, including a charter flight filled with fans to the Budapest round and invited them to his hangar.

THE AIRCRAFT / EDGE 540V3

Name:	Edge 540V3
Manufacturer/Designer:	Zivko Aeronautics, Inc.
Place of Manufacture Type:	Guthrie Municipal AP, Oklahoma - USA
Type:	Unlimited Race/Aerobatic Aircraft
Seats:	1
Fuselage Length:	6.30 m
Wing Span:	7.43 m
Height:	2.80 m
Weight:	550 kg
Performance:	300 hp
Top Speed:	426 km/h
Roll Rate:	420° /sek
G-Limit:	+/- 12 G
Engine:	Lycoming AEIO 540 EXP
Wing design:	Symmetric, carbon fibre
Fuselage:	Steel tube frame
Propeller:	3-blade composite



THE AIRCRAFT / EDGE 540V3



For 2014, Matthias Dolderer has upgraded to the race-bespoke Edge V3.

The V3 is different from the 540 in various ways:

- It has an increased tolerance of G-loads
- The body has been finely tuned to increase aerodynamics and reduce drag
- Modifications range from a sleeker canopy design and improved exhaust, wing root and rear wheel fairings to enhanced winglets, shorter landing gear legs and upgraded cowlings

TEAM MD21

CLAUDIA MAUR / RACE TEAM MANAGER

As team Manager for MD21 Racing Claudia is always by Matthias' side. She's responsible for the organization, communication and marketing activities of the team and the first point of contact for media, sponsors and fans.

Claudia has worked since 2005 as a freelancer in the fields of management, marketing and organization. Claudia worked already from 2007 to 2010 in different areas for the Red Bull Air Race. Other key past achievements and highlights include: organization Red Bull X-Alps, operations manager FIFA WC Stadium Munich 2006, senior project management Formula BMW, communications / management Susie Wolff (DTM Mercedes-Benz AMG, Williams F1).

In 2012 she founded her own company SpotOn Marketing GmbH, which is focused on marketing solutions in the field of motorsport. As such the company supports manufacturers, race teams and athletes.

Claudia has a great passion for motorsport. From the age of 8 she got her first race kart and started racing in different Championships until she was 17.





TEAM MD21

TOBIAS ODEWALD / RACE TEAM TECHNICIAN

As Race Team Technician, it is his mission to perfectly prepare the Edge 540 V3 for each and every race and he is also responsible for the aircraft's constant development.

Tobias Odewald is the contact person for all technical affairs and in charge of additional necessary installations such as the complex telemetry system which allows the audience on the ground or in front of the TV to witness sector and lap time, measurement of centrifugal forces and speed on a real time basis. Also the disassembling and reassembling of the aircraft - essential to transport it from race to race - is part of his area of responsibility.

In 1995, Tobias started an in-service training as aircraft mechanic at Extra Flugzeugbau.

It was pure coincidence - he could have also become a motorcar mechanic - but soon transformed into an all-consuming passion.

During the next sixteen years, Tobias had been significantly involved in the production and development of the stunt plane Extra 300 series as well as the Extra 400 and Extra 500 made out of carbon.

Since 2011, he runs his own company: TTec-Aviationservice for aerobatic planes, experimental aircrafts and microlights.

He completed a special training as aircraft maintenance technician (A&P Certificate) and is responsible for the perfect working order of the race aircraft.

TECHNICAL INFORMATION

MODIFICATIONS

ELECTRONIC FLIGHT INFORMATION SYSTEM (EFIS)

All race planes are equipped with an EFIS, which displays various flight information to the pilot, including ground speed, G-force, sector times and lap times, and as well as Race Director commands etc.

CAMERAS

All race planes are equipped with cameras (face/helmet cameras and/or tail cameras). The signals are transmitted in real time to the TV broadcast centre as well as the intercom and radio signals.

SAFETY INFORMATION

SEAT BELTS

All race planes are fitted with a 7-point system, consisting of a 5-point seat belt system and a ratchet system. Both the seat belt and ratchets operate on a quick release system for unstrapping in the case of emergency bailout.

SURVIVAL EQUIPMENT

All pilots wear a parachute. The canopy can be jettisoned for a bail out if needed. Over water, pilots will also wear a water survival vest, which can be activated to inflated if needed after a bailout over water. All aircrafts are equipped with spare air. The pilot can use the bottle in case of a ditching situation in the water.

TRAINING

All pilots have undergone water survival training, which includes underwater rollover training.

SAFETY ON STANDBY

A helicopter, speed boats with rescue divers, and a flight surgeon are all on standby during every flying session of a Red Bull Air Race.



RACE CALENDAR 2014

CALENDAR 2014



 **LAS VEGAS** USA
11./12. OCTOBER

 **DALLAS FORT WORTH** USA
06./07. SEPTEMBER

 **ASCOT** GBR
16./17. AUGUST

 **GDYNIA** POL
26./27. JULY

 **ROVINJ** CRO
12./13. APRIL

 **ABU DHABI** UAE
28. FEB. / 01. MARCH

 **CHINA** CHN
01./02. NOVEMBER

 **PUTRAJAYA** MAS
17./18. MAY



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ABU DHABI | UAE

28-01 FEB/MAR 2014

The largest of the seven emirates plays host to the season opener

Abu Dhabi plays host once again to the season opener with familiar finesse and will set the tone for the 2014 championship from a purpose-built race village on the Corniche breakwater. The aerial action will take place over the stunning blue waters of the Arabian Gulf with an eight-kilometre pristine beachfront to give fans unrivalled views of the racing.



ROVINJ | CROATIA

12-13 APR 2014

The enchanting and historic Adriatic coastal town of Rovinj, Croatia welcomes Red Bull Air Race

The challenging race track in Rovinj will be set up along the north beach close to the old town and will feature tight turns with plenty of high Gs expected. The Adriatic Coast is subject to the Bura wind, a gusty and tempestuous phenomenon that has the potential to wreak havoc - if the winds show up on race day, then race conditions could be marginal.



PUTRAJAYA | MALAYSIA

17-18 MAY 2014

Malaysia's most intriguing city is the perfect stop for the Red Bull Air Race

At the heart of the city is the 600-hectare manmade Putrajaya Lake, built as the principle landscape feature of the city. The lake is designed to moderate the ambient temperature and is a core part of the city's concept of encouraging a balanced lifestyle.

The lake, which will provide the course for the aerial action, has previously held world-class regattas including the F1 Powerboat Championships. A magnet for the people of Putrajaya, the Red Bull Air Race spectacular over the central lake is sure to draw plenty of attention.



GDYNIA | POLAND

26-27 JUL 2014

A dynamic coastal city full of intrigue awaits for the Polish championship stop

The city beach is one of the most beautiful on the Polish coast, with the Seaside Boulevard a popular place for taking it easy and watching the world go by. The 1.5km stretch is full of young artists keen to express their creative flair, capturing the imagination of those who spend time there - and the perfect location for the vibrant Red Bull Air Race. Gdynia port is no stranger to hosting sporting competitions either, with the biggest sailing ships in the world visiting every few years to compete in races.



ASCOT | UNITED KINGDOM

16-17 AUG 2014

Home to Europe's premier horseracing event, Ascot plays host in the UK

There are few sporting venues in the world that can match the history of Ascot Racecourse. This year the Red Bull Air Race pilots will test their mettle where many a great jockey has gone before, as the race takes place over the Jumps track. This course is a right-handed course and slightly in excess of one mile six furlongs. Ascot is famed for being a tough course with its triangular nature and large sweeping turns; a challenging task ahead for the competitors.



FORT WORTH | USA

06-07 SEP 2014

Southern charm in Texas makes the first US stop a delight for fans and teams alike

With a crowd capacity in excess of 190,000, the Texas Motor Speedway is among the largest sports stadiums in America. Known as 'The Great American Speedway' the 1.5-mile quad-oval superspeedway includes 750-foot radius turns and is banked 24 degrees in places. The Motor Speedway has been used as a stop in the IndyCar Series racing, drawing in sports fans looking to catch high-octane action. The circuit has also played host to two races in the NASCAR Sprint Cup Series since it opened in 1997.



LAS VEGAS | USA

11-12 OCT 2014

It's non-stop action as the championship heads to Sin City

The sixth stop on the tour will see the Red Bull Air Race air take to the stage at the Las Vegas Motor Speedway. Constructed in 1996, the Las Vegas Motor Speedway offers its guests many unique and exciting racing experiences. At the centre of the 1,600-acre multi-track facility is the 1.5-mile tri-oval superspeedway which hosts the annual NASCAR weekend in the spring. With 18-20 degree banks, the track is a favourite among motorsports fans and is also popular with daredevil drag racers.



TBA | CHINA

01-02 NOV 2014

The championship heads to China as the season nears an exciting climax

More information will follow.



RULES

The Red Bull Air Race World Championship

is an international series of races with the objective to navigate an aerial racetrack featuring air-filled pylons, known as Air Gates, in the fastest possible time incurring as few penalties as possible. The total length of the racetrack is approximately 5km.

CORRECT FLYING

To all Gates, the Start/Finish, Chicane, Level Gate and the Single Pylon Gate applies the rule of no sinking in the Gate. Pilots must fly in the upper 40% of the Air Gate, the area is defined by the bottom and the top of the coloured markings of a pylon. This also applies for the Chicane pylons that are considered to be one Gate.

DISQUALIFICATION

The following results in disqualification: uncontrolled steering movements and flights; close to the ground pull-up from descent; crossing the safety line; using a negative 'G' turn around a pylon; flying below 15m height between the Air Gates; flying into clouds; entering the track at an angle steeper than 45° or from above the briefed holding altitude for the location; ignoring commands of the Race Director.

DID NOT FINISH (DNF)

Pylon Hit

Whenever a plane touches a pylon the lap is discontinued.

Deviation from the Course

When a flight path deviates from the racetrack the flying session is discontinued.

Exceeding Start Speed Limit

If the plane exceeds the speed limit of 200 knots (370km/h) through the Start Gate (GPS ground speed as indicated on the device EFIS in the cockpit), the flying is discontinued.



RULES

Weight Penalty

After the race the pilot and plane are being weighed (with compensation weight accounted for if required). If the pilot and plane do not have a minimum weight then the flying session results in DNF.

Exceeding Maximum Load Factor

If telemetry or post flight analysis shows, that the pilot exceeded the maximum permitted load factor of 10G, a DNF is the consequence.

PENALTIES INCORRECT FLYING

Flying Too High

(2 seconds penalty)

Flying above the top of an Air Gate - but still following the approved racetrack.

Incorrect Level Flying

(2 seconds penalty)

Flying with bank angle when in the Level Gate.

SMOKE VIOLATION

(1 second penalty)

A one-second penalty is incurred if the race plane is not emanating smoke during the race (from "Smoke On" call until passing the Finish Gate). This penalty is given whether a technical problem is ascertained or not

RACE FORMAT

The Red Bull Air Race consists of the following flying sessions: Training, Qualifying, Top 12, Super 8, Final 4. In all sessions, only one pilot races in the track at a time.

TRAINING: Takes place on the days preceding Qualifying Day. There are two Training Days for all Master Class pilots, each consisting of two mandatory training sessions. Time of the final training session (Training 4) determines the starting order for Qualifying.

QUALIFYING: Takes place on Qualifying Day, the day before Race Day. It includes two mandatory qualifying sessions. Best time counts. Results of the qualifying session determine the order of racing on Race Day.

TOP 12: Takes place on Race Day. This flying session is completed in heats; the six winners plus the two fastest losers move forward to the Super 8. The heats pairings are based on the qualifying session rankings.

SUPER 8: Six winners of the Top 12 heat, plus the two fastest losers race individually to determine their ranking. The fastest four pilots advance to the Final 4. Results in the Super 8 determine 5th to 8th place race positions.

FINAL 4: Four fastest from the Super 8 compete in the Final 4 for 1st, 2nd, 3rd and 4th place race positions.



RACE FORMAT

DAY 1 QUALIFYING DAY

TRAINING	QUALIFICATION
	Determines the starting position on Race Day. The fastest of two consecutive laps counts
PILOT 01	PILOT 01
PILOT 02	PILOT 02
PILOT 03	PILOT 03
PILOT 04	PILOT 04
PILOT 05	PILOT 05
PILOT 06	PILOT 06
PILOT 07	PILOT 07
PILOT 08	PILOT 08
PILOT 09	PILOT 09
PILOT 10	PILOT 10
PILOT 11	PILOT 11
PILOT 12	PILOT 12

DAY 2 RACE DAY

TOP 12	SUPER 8	FINAL 4	POINTS	
Winner of each heat advances to Super 8, plus two fastest losers.*	The four fastest advance to Final 4.*	Four pilots compete for victory.*		
PILOT 01	FASTEST LOSER 01	PILOT 04	1 ST	12
PILOT 02	FASTEST LOSER 02	PILOT 03	2 ND	9
PILOT 03	WINNER HEAT 01	PILOT 02	3 RD	7
PILOT 04	WINNER HEAT 02	PILOT 01	4 TH	5
PILOT 05	WINNER HEAT 03	---	5 TH	4
PILOT 06	WINNER HEAT 04	---	6 TH	3
PILOT 07	WINNER HEAT 05	---	7 TH	2
PILOT 08	WINNER HEAT 06	---	8 TH	1
PILOT 09	---	---	9 TH	0
PILOT 10	---	---	10 TH	0
PILOT 11	---	---	11 TH	0
PILOT 12	---	---	12 TH	0

* The starting order is based on the results in Qualifying.



DOLDERER

ZIVKO
EDGE 540

TAKE OFF

WITH MATTHIAS DOLDERER

MEDIA INFORMATION

OFFICIAL MATTHIAS DOLDERER WEBSITE

www.matthiasdolderer.com

OFFICIAL RED BULL AIR RACE WEBSITE

www.redbullairrace.com

SOCIAL MEDIA MATTHIAS DOLDERER

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OFFICIAL INFORMATION PORTAL FOR MEDIA

www.redbullairracenewsroom.com

The Red Bull Air Race Newsroom is a free-of-charge online media service providing news stories, high-resolution photographs, footage for TV, web and radio, as well as race results and background information about the Red Bull Air Race World Championship.

The latest media schedule, start list and race results are available on-site in the Media Centre and Media Lounge and also for download on the Red Bull Air Race Newsroom. This contains information about the race schedule and media opportunities such as the Media Pit Lane Walk.

A digital version of the Red Bull Air Race media kit is also available on the Red Bull Air Race Press Room, or on request at the Media Centre.

Please schedule your interviews upon arrival in the Media Centre, taking into consideration that the press conferences on Qualifying and Race Day take place in the Media Centre immediately after the last race. For continuous Red Bull Air Race reporting throughout the race, and for instances when you are not on-site, we can produce and provide any content required, including moving image footage, audio interviews and more.



SMOKE ON!



For further information please visit:
www.matthiasdolderer.com

For media and sponsor matters please contact:
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Email: claudia.maur@matthiasdolderer.com, phone: +43 664 110 2030

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