

# VFR CHARTS PILOT ACCESSORIES

www.rogersdata.at



# VFR ICAO CHARTS NAVIGATION, ACCESSORIES

ICAO CHARTS Digital & Printed ICAO VFR Charts

1 E

ACCESSORIES Pilot- & Cockpit Accessories NAVIGATION NAV Compass, Protractor Triangle **RULES & REGS** 

Current VFR charts, Back-Up System



# Enjoy flying with Rogers Data VFR charts!

RUSSIA

RUSSIA

ANIA

LGARIA

IRKEY

GREECE SE

TURKEY

INSET

KASTELORIZO

RUSSIA

UKRAINE

Rogers Data provides VFR ICAO charts for whole Europe as well as other products for pilots and aviation entusiasts. All Rogers Data VFR charts have the same design, the same chart image and the same quality. The uniform and familiar layout of the maps allows you to find your way easily. No matter in which country you are flying. Rogers Data VFR charts comply with the relevant provisions of ICAO Annex 4 "Aeronautical Charts", as well as the relevant EU regulations.

All our VFR charts are also available as digital charts, either as a single chart or as reasonably priced bundles, from market-leading and popular app and software providers, like ForeFlight, Air Navigation, RocketRoute, SkyDemon, SkyMap, Flight Planner, FlyMap, Airmate, LX Nav, LX navigation and Euroavionics.

For Flight Planner, Sky Map and StrePla we offer the corresponding chart licences (chart serial numbers) on our website (webshop).



## Dear Pilots,

Rogers Data provides VFR charts -ICAO charts for almost every country in Europe. From North to South, from East to West. Same look, same feeling, same quality. Rogers Data VFR aeronautical charts have a very detailed representation of ATS airspace structures. We use a high-quality topographic map with shading and relief. This creates a dynamic 3D impression. They include TMZ transponder mandatory zones, RMZ radio mandatory zones, airports, aerodromes and heliports with additional information, compulsory reporting points, reporting points on request, significant points (border crossing), Radio Navigation Aids with name, frequency and morse code, obstacles or group of obstacles and aerial sporting and recreational activities, areas with sensitive fauna. All Rogers Data VFR aeronautical charts are based on the latest aeronautical information from AIP (Aeronautical Information Publication) and their supplements of CAA CAA (Civil Aviation Authority). They are based on the relevant regulations of ICAO Annex 4 and EU-Regulations. Rogers Data VFR charts are coated using our unique RDtech® lamination technology. This technology is not what you have in mind. It is comple tely different from anything else that you have seen before. The great ad-

# **ARISTO**

#### Precision and reliability!

This is what ROGERS DATA stands for with its range of flight preparation products, charts and pilot accessories.

#### Precision and reliability!

This is what ARISTO, as the inventor of the Geodreieck® stands for with its range for over 100 years.

So what could be more obvious than to combine these two competences! Within the framework of a cooperation between ROGERS DATA and ARISTO in the areas of product development, production and sales, which has been concluded since this year, several high-quality navigation aids for aviation and seafaring have already been created. You are welcome to convince yourself of their product quality in the 2021 range.

#### www.kursdreieck.at

vantage of the new and unique RDtech® technology is the fact that all Rogers Data charts are almost impossible to tear, are designed to withstand excessive use and can be folded many times. Rogers Data VFR charts have a special laminate with a silk-mat finish that prevents reflections from the sun. Our charts can be written on using our permanent RDtech<sup>®</sup> pens and still allow those markings to be removed residue-free with our RDtech<sup>®</sup> spray or RD tech<sup>®</sup> cleaning tissue. All this can be done multiple times and the your VFR chart will still look like a brand-new chart.

Jollinson Robert

Ing. Robert Gallmayer CEO & Commercial Pilot







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# Digital VFR ICAO charts for applications or as software for navigation devices

Rogers Data provides VFR ICAO charts for almost whole Europe. All VFR charts have the same design, the same chart image and the same quality. The uniform appearance makes it easy to find one's way around the respective chart. All VFR charts are also available as digital charts from market-leading and popular app and software providers. Thus you have an identical chart image on the screen and on the folded chart in the hand and proves to be a great advantage. Our VFR Trip Kits (Approach and Aerodrome charts) are also available digitally, at Sky Demon and elsewhere. **Rogers Data VFR charts in digital version either be purchased as a single chart or as reasonably priced bundles.** We offer bundles ranging in sizes from countries, over regions up to a bundle that offers our complete set of VFR charts. Our cooperation partners include: ForeFlight, AirNavigation, RocketRoute, SkyDemon, SkyMap, Flight Planner, FlyMap, Airmate, LX Nav, LX navigation and Euroavionics. For Flight Planner, Sky Map and Streckensegelflugprogramm StrePla we offer the corresponding chart licences (chart serial numbers) on our Webshop.



# COUNTRY BUNDLE 200k



#### COUNTRY COVERAGE 500k BUNDLES

We offer different Country-Bundles,

like the Estonia-Latvia-Lithuania-Bundle, Great-Britain-Irleland-Bundle, the Sweden-Norway-Bundle, the France-Corsica-Bundle, the Spain-Canarias-Portugal-Madeira-Bundle and the Italy-Malta-Bundle. For the scale 1:200.000 we offer the Austria-Slovenia-Croatia Bundle.

On the next following pages you will find all our digital cooperation partners. They all offer our Rogers Data VFR charts and/or bundles for download directly from their different applications.





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Aero & VFR

# Plan, File, & Fly with Rogers Data + ForeFlight

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Rogers Data and ForeFlight Mobile are the perfect pair for planning and flying in Europe! Bundle your favorite charts with a ForeFlight subscription to access detailed VFR information across Europe, along with EUROCONTROL-validated flight planning and filing, weather visualization tools, hazard awareness features, and more!

**\$ 6 0** 

The essential integrated flight app for VFR & IFR pilots is available to download on the **Apple App Store**!

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Available on the Apple App Store

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#### SKY DEMON

Rogers Data provides the Austria Rogers Data VFR Trip Kit via SkyDemon, which can be downloaded by the use of the App Store or Google Play. It contains georeferenced, approach and aerodrome charts including military aerodromes as well as all information you need to fly.

Rogers Data VFR Trip Kit can be installed in the SkyDemon application itself via download. Please open your Sky Demon app and download your Rogers Data VFR Trip Kit there.

Note: This product is sold as a one year-long subscription which is separate to your SkyDemon subscription.

Web: www.skydemon.aero/store/rogersdata.aspx



#### ROCKETROUTE

Android and iOS, Google Play compatible

RocketRoute was developed for PC or Mac with modern browsers. For tablet and smartphone users, Rocket Route offers both dedicated apps and a 'lite' mobile web app so you can manage your flight plans on the go.

Download Rogers Data VFR charts and VFR Trip Kits directly from the app via Google Play or App Store. Please open your Rocket Route app and download your Rogers Data VFR aeronautical chart there.

E-Mail: support@rocketroute.com



FULL EUROPE COVERAGE 500k BUNDLE



COUNTRY BUNDLE 200k WITH CROATIA







#### **AIR NAVIGATION**

Android and iOS compatible

Air Navigation Pro is an application for flight planning and a real-time navigation application for iPhone, iPad and Android devices. A desktop version for Mac OS X is also available.

All Rogers Data VFR aeronautical charts and VFR Trip Kits are available for download directly from the Air Navigation Pro app. Please open your Air Navigation Pro app and download your Rogers Data VFR charts there.

Web: services.airnavigation.aero Support: support.airnavigation.aero









#### **AIRBOX SYSTEMS**

Android, iOS and Google Play compatibel

Airbox Systems is an application for flight planning and navigation. Download Rogers Data VFR charts and VFR Trip Kits directly from the Airbox Systems app. Please open your Airbox Systems app and download your Rogers Data VFR charts there.

Webshop: www.airboxsystems.com E-Mail: info@airboxsystems.com Phone: +44 1235 227 360



FULL EUROPE COVERAGE 500k BUNDLE



COUNTRY BUNDLE 200k WITH CROATIA







#### **AIRMATE**

iOS and Google Play compatible

Airmate is an application for flight planning and navigation. Download Rogers Data VFR charts and VFR Trip Kits directly from the Airmate app. Please open your Airmate app and download your Rogers Data VFR charts there.

Webshop: www.airmate.aero E-Mail: airmate@airmate.aero Phone: +352 26441835



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COUNTRY BUNDLE 200k WITH CROATIA



#### **HENSOLDT (EURO AVIONICS)**

Software for navigation devices

Euroavionics offers an integrated end-to-end solution for platforms and ground assets. Rogers Data VFR charts and VFR Trip Kits can be integrated as software in the navigation devices.

**Licensing and conversion of Rogers Data charts:** To use Rogers Data VFR aeronautical charts, the chart material must be licensed and the charts must be converted for the respective system. The conversion of the charts can either be done by Euroavionics or by us for a fee. You have to provide the systemtype (Euronav 3, 5 or 7) and the software number.







FULL EUROPE COVERAGE 500k BUNDLE



COUNTRY BUNDLE 200k WITH CROATIA



# CLYMAP

Easy to use software for our high brightness multifunctional displays FlymapL (6,4") / FlymapXL (10,4"), Apps for Android / Apple and FlymapWIN.

## Contact Flymap for your Rogers Data VFR charts 500k.

Webshop:	www.flymap.net
E-mail:	info@flymap.net
Phone:	+49 2154-8809711



FULL EUROPE COVERAGE 500k BUNDLE

**COUNTRY BUNDLE 200k** 

WITH CROATIA

NEW



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#### LX NAVIGATION

navigation devices with integrable map material

LX navigation systems are designed by performance pilots and made for competition pilots and clubs. Rogers Data VFR charts and VFR Trip Kits can be integrated as software in the navigation devices. On request we can provide our VFR charts for navigation devices (LX Zeus) in digital form for customers of LX Navigation.

#### Contact LXnavigation for your RD VFR charts.

Web: www.lxnavigation.com E-Mail: info@lxnavigation.com Sales Support: +386 (0)3 490 46 70



Contact LXnav Gliding for your RD VFR charts. Web: www.gliding.lxnav.com E-Mail: info@lxnav.com Phone: +386 592 33 400

#### FLIGHT PLANNER

Software for Windows PC

The digital Rogers Data aeronautical charts can be used for the software Flight Planner for flight planning, Moving Map for Windows PC, for Sky Map, the Aviation Moving Map for PDA and PNA, as well as for StrePla.

Rogers Data VFR charts for Flight Planner can be ordered at our webshop: rogersdata.at/shop



#### SKY MAP Android and iOS compatible

Sky Map is a moving map navigation software for iPhone, iPad and Android devices or Windows operating system. Sky Map shows the position and flight direction provided by a GPS as well as a planned route on a digitized aeronautical chart. In addition there are many useful functions for flight preparation and in-flight support.

Download Rogers Data VFR charts and VFR Trip Kits directly from the Sky Map app. Please open your Sky Map app and download your Rogers Data VFR aeronautical chart there: www.sky-map.de



#### FULL EUROPE COVERAGE 500k BUNDLE



#### COUNTRY BUNDLE 200k WITH CROATIA

If you already have our current VFR charts for Flight Planner, you can activate them on your iPhone or iPad with your chart serial number!







#### GERMANY North, GERMANY South (2 charts for whole Germany)

#### Special features for this region:

- TMZ transponder mandatory zones
- RMZ radio mandatory zones
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Heliports with name of Operator
- Significant points (border crossing points)

EUR 29,90 / chart recommended retail price

AUSTRIA VFR CHART, SCALE 1:500.000









#### AUSTRIA

- VFR sectors at international airports
- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 24,90 recommended retail price









#### GREAT BRITAIN North, GREAT BRITAIN Center, GREAT BRITAIN South

#### Special features for this region:

- VRP Visual Reference Point
- Windfarm area, Offshore area
- Lightships, Marine Lights
- ARA Advisory Radio Area
- AIAA Area of Intense Air Activity
- GVS Gas Venting Site
- HIRTA High Intesity Radio Transmission Area
- Laser Sites
- AARA Air to Air Refuelling Area

- ATA Aerial Tactics Area
- Areas with sensitive fauna
- Helicopter Routes

EUR 29,90 / chart recommended retail price









#### CZECH REPUBLIC

#### Special features for this region:

- TRAs temporary reserved airspaces
- TSAs temporary segregated areas
- ATZ aerodrome traffic zone
- Sectors with Flight Information Service
- Significant points (border crossing points)

EUR 24,90

recommended retail price

**GREAT BRITAIN VFR CHARTS, SCALE 1:500.000** 









#### **GREECE North, GREECE South West, GREECE South East**

#### Special features for this region:

- ATZ aerodrome traffic zone
- MCTR military control zone
- LFA local flight area
- TMA terminal control zone
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Heliports with name of Operator
- Windmills

EUR 29,90 (N), EUR 24,90 (SW), EUR 24,90 (SE) recommended retail price

NETHERLANDS VFR CHART, SCALE 1:500.000







A manual second
NETHERLANDS

#### NETHERLANDS

#### Special features for this region:

- TRAs temporary reserved airspaces
- TSAs temporary segregated areas
- ATZs aerodrome traffic zones
- Windmills and windturbines
- HTZ helicopter traffic zones
- HPZ helicopter protected zones
- Maritime transit routes
- Aerial sporting and recreational activities
- Military exercise and training areas

EUR 24,90 recommended retail price



TEXEL Oosterend

FL'150

GND







#### FINLAND North, FINLAND Center, FINLAND South

#### Special features for this region:

- Quarries and blasting sites acc. ENR 5.3
- Detailed presentation of P, R and D areas
- Aerodromes with anticipated glider activity
- Visual approach procedures of major aerodromes
- Windfarms with elevation

EUR 29,90 / chart recommended retail price









#### SWITZERLAND

#### Special features for this region:

- Heliports with name of Operator
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Significant points (border crossing points)







EUR 24,90 recommended retail price





#### **ROMANIA West, ROMANIA East**

#### Special features for this region:

- VFR sectors at international airports
- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Significant points (border crossing points)

EUR 24,90 / chart recommended retail price









#### LATVIA

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 24,90 recommended retail price









#### DENMARK

#### Special features for this region:

- TIZ Traffic Information Zone
- TIA Traffic Information Area
- FIS Flight Information Service Sector
- Windfarm area, Offshore area
- Windmills, Wind turbine
- Maritime Transit Routes
- VFR Route on selected aerodromes
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Significant points (border crossing points)

EUR 24,90 recommended retail price









#### SLOVAKIA

#### Special features for this region:

- TRAs temporary reserved airspaces
- TSAs temporary segregated areas
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- ATZ aerodrome traffic zone
- Significant points (border crossing points)

#### EUR 24,90 recommended retail price







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#### SWEDEN North, SWEDEN North Center, SWEDEN South Center, VEDEN South

#### pecial features for this region:

- CTR control zone
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- VOR radio navigation area
- RMZ radio mandatory zones
- TMA terminal control area
- Windmills & wind turbines
- Windmills & wind turbines offshore

EUR 29,90 / chart recommended retail price







RD tech

#### **BEGLIUM - LUXEMBOURG**

#### Special features for this region:

- TRAs temporary reserved airspaces
- TSAs temporary segregated areas
- ATZs aerodrome traffic zones
- Windmills and windturbines
- Aerial sporting and recreational activities
- Military exercise and training areas

#### EUR 24,90

recommended retail price









#### **BULGARIA**

#### Special features for this region:

- Grid area altitude
- Approach procedures •
- Danger areas •
- LBR restricted area aerodrome
- TMA terminal control area
- TRA temporary reserved area •
- VAR magnetic variation ٠
- VOR radio navigation aids

EUR 24,90 recommended retail price









#### SPAIN North West, SPAIN North East, SPAIN South West, **SPAIN South East**

#### Special features for this region:

- TRAs temporary reserved airspaces •
- ATZs aerodrome traffic zones •
- Aerial sporting and recreational activities •
- Windmills and windturbines
- Significant points (border crossing)







SPAIN SE

EUR 29,90 / chart recommended retail price

MENO

C. IBIZA

FO

PORTUGA

SPAIN SW

MOROCCO

#### **CROATIA - BOSNIA HERZEGOVINA**

#### Special features for this region:

- Recommended VFR Routes
- Water aerodromes
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Low level military flight corridors and training areas
- ATZ aerodrome traffic zone
- Significant points (border crossing points)

#### EUR 29,90 recommended retail price









#### POLAND North, POLAND South West, POLAND South East

#### Special features for this region:

- TRAs temporary reserved airspaces
- TSAs temporary segregated areas
- MRTs military routes
- RMZs radio mandatory zones
- ATZs aerodrome traffic zones
- Windmills and windturbines
- Significant points (border crossing)

EUR 29,90 (N) EUR 24,90 (SW), EUR 24,90 (SE) recommended retail price







IRELAND VFR CHART, SCALE 1:500.000



#### ITALY North, ITALY Center, ITALY South, ITALY West

#### Special features for this region:

- Aeroporto, Aviosuperfici und Campo volo
- CTRs and CTRs from a specified lower limit
- Compulsory reporting points, reporting
- points on request, with ICAO letter code
- Significant points (border crossing)
- Ultra light machine activity ULM/VDS
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

#### ITALY WEST

incl. Sardinia and Corsica

#### **ITALY SOUTH**

incl. Sicily, Lampedusa and Malta

#### EUR 29,90 / chart

recommended retail price









#### IRELAND

- VRP Visual Reference Point
- Windfarm area, Offshore area
- Lightships, Marine Lights
- ARA Advisory Radio Area
- AIAA Area of Intense Air Activity
- GVS Gas Venting Site
- HIRTA High Intesity Radio Transmission Area
- Laser Sites
- AARA Air to Air Refuelling Area
- ATA Aerial Tactics Area

- Areas with sensitive fauna
- Helicopter Routes

EUR 29,90 recommended retail price







#### HUNGARY

#### Special features for this region:

- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Heliports with name of Operator
- Significant points (border crossing points)

EUR 29,90 recommended retail price







ESTONIA VFR unrecruited abort
CALINA CAL
RD tech

#### **ESTONIA**

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 24,90 recommended retail price







FRANCE VFR CHARTS, SCALE 1:500.000

EUR 24,90

recommended retail price



#### BALKANS includes: Montenegro, Albania, North-Macedonia

#### Special features for this region:

- CTR control zone
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Significant points (border crossing points)
- TMA terminal control area
- TRA temporary reserved airspaces
- VOR radio navigation aids









## FRANCE North West, FRANCE North East, FRANCE South West FRANCE South East

- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Model flying areas
- Military exercise and training areas

EUR 29,90 / chart recommended retail price







#### LITHUANIA

#### Special features for this region:

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 24,90 recommended retail price









#### SERBIA

#### Special features for this region:

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 24,90 recommended retail price







SERBIA VFR CHART, SCALE 1:500.000



## NORWAY North, NORWAY Center North, NORWAY Center South, NORWAY South

#### Special features for this region:

- CTR control zone
- HTZ helicopter traffic zone
- Aerial sporting and recreational activities
  - Areas with sensitive fauna
  - TIA traffic information area
  - TIZ traffic information zone
- TMA terminal control area
- Windmills & wind turbines

EUR 29,90 / chart recommended retail price









#### MALTA - SICILY

#### Special features for this region:

- Aeroporto, Aviosuperfici und Campo volo
- CTRs and CTRs from a specified lower limit
- Compulsory reporting points, reporting points on request, with ICAO letter code
- Significant points (border crossing)
- Ultra light machine activity ULM/VDS
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)







EUR 24,90 recommended retail price

All prices incl. VAT



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#### **SLOVENIA**

#### Special features for this region:

- Approach procedures, traffic pattern, reporting points, holdings
- Recommended VFR Routes
- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Ultralight landing site
- TAs military training areas (commonly known as MTA in the surrounding countries)
- Significant points (border crossing points)







EUR 29,90



#### AUSTRIA SET OF 5 VFR ICAO CHARTS

#### Special features for this region:

- Austria Set of 5 charts on a scale of 1:200.000
- VFR sectors on international airports, VFR sectors on aerodromes
- Approach procedures, traffic pattern, reporting points, holdings
- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Model airfields
- Military exercise and training areas
- Significant points (border crossing points)

EUR 59,90 recommended retail price









#### LOWER AUSTRIA - VIENNA SINGLE VFR ICAO CHART

#### Special features for this region:

- Austria Set of 5 charts on a scale of 1:200.000
- VFR sectors on international airports, VFR sectors on aerodromes
- Approach procedures, traffic pattern, reporting points, holdings
- TRAs temporary reserved airspaces
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Model airfields
- Military exercise and training areas
- Significant points (border crossing points)







EUR 19.90

recommended retail price





#### **TURKEY West, TURKEY East**

#### Special features for this region:

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)





## EUR 49,90 / chart recommended retail price



SAUDI ARABIA VFR CHARTS, SCALE 1:1.100.000

#### UNITED ARAB EMIRATES - QATAR - BAHRAIN

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#### Special features for this region:

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)

EUR 39,90 recommended retail price









#### SAUDI ARABIA North, SAUDI ARABIA South, SAUDI ARABIA East

- TMA terminal control area
- Aerial sporting and recreational activities
- Areas with sensitive fauna
- Military exercise and training areas
- Significant points (border crossing points)





EUR 49,90 / chart recommended retail price



# VERWENDEN SIE IMMER AKTUELLE, ZWECKDIENLICHE KARTEN

VFR Karten müssen die aktuelle Luftraumstruktur, die aktuellen Frequenzen und Verfahren sowie die für den jeweiligen Flug relevante Strecke inklusive Ausweichmaßnahmen beinhalten.

Es gibt keine Vorschrift, Verordnung und kein Gesetz, dass nur bestimmte Kartenangebote oder Karten von bestimmten Anbietern erlaubt wären. Die Meinung, dass nur behördlich herausgegebene VFR Karten oder behördlich zertifizierte VFR Karten zum Fliegen verwendet werden dürfen, basiert auf keiner gesetzlichen Grundlage. Weiters gibt es keinerlei Vorschrift hinsichtlich der Form, in der aktuelles Kartenmaterial vorzuliegen hat. Der Begriff "Luftfahrtkarte" bezieht sich auf alle Arten von Karten, die zur Navigation und zum Fliegen verwendet werden, sofern sie die folgenden Informationen enthalten: topographische Merkmale, Gefahren und Hindernisse, Navigationsrouten und -hilfen, Lufträume und Flughäfen.

Rogers Data VFR Luftfahrtkarten - ICAO Karten erfüllen diese Anforderungen und enthalten alle Informationen, die zum Fliegen notwendig sind. Rogers Data VFR Karten erfüllen einerseits die Anforderungen des ICAO Annex 4 und der Europäischen Kommission und entsprechen andererseits den Erwartungen der VFR Piloten. Wir kombinieren die rechtlichen Anforderungen und Erwartungen der VFR Piloten an VFR Karten und produzieren qualitativ hochwertige Produkte.

Selbstverständlich können VFR Karten als Papierkarte und in elektronisch lesbarer Form mitgeführt werden. Entscheidend ist die **Aktualität und Eignung** für die Luftfahrt. Was immer Sie tun, machen Sie es richtig. -Wählen Sie Ihre bevorzugte Kartenart - digitale oder in gedruckter Version.

Rogers Data VFR Luftfahrtkarten verfügen über eine sehr detaillierte Darstellung der jeweiligen Lufträume. Als Kartengrundlage verwenden wir eine hochwertige topografische Karte mit mit Höhenschichten und Höhenlinien. Dadurch entsteht ein dynamischer 3D- Eindruck. Rogers Data VFR Luftfahrtkarten beinhalten TMZ Lufträume mit vorgeschriebener Transponderschaltung, RMZ Zonen mit Funkkommunikationspflicht, Flughäfen, Flugplätze und Hubschrauberlandeplätze mit Detailangaben. Darüberhinaus Pflichtmeldepunkte, Meldepunkte auf Anforderung und Grenzüberflugspunkte (Border Crossing Points, Significant Points). Funknavigationsanlagen mit Namen, Frequenz und Kennung im Morsecode. Gefahren-und Flugbeschränkungsgebiete, Luftfahrthindernisse oder Gruppen von Hindernissen, Luftsportgebiete und Gebiete mit Erholungsaktivitäten und Naturschutzgebiete mit fliegerisch relevanten Einschränkungen (Naturschutzgebiete und Nationalparks) sind ebenfalls eingezeichnet.

#### Back-Up gem. ICAO Annex 4

Als Pilot sollten Sie sich mit den verfügbaren Karten vertraut machen und nach Ihren Bedürfnissen und Vorlieben entscheiden. Trotz der zunehmenden Beliebtheit elektronischer Karten ist es ratsam, Backup-Systeme bereitzuhalten, um sie im Bedarfsfall zur Verfügung zu haben. Außerdem erlaubt die Verwendung mehrerer Navigationssysteme einem Piloten, jedes System zu seinem Vorteil zu nutzen.

Eine Papierkarte ist nach wie vor ein bewährtes System für die Flugvorbereitung sowie bei der Flugwegauswahl und bietet aufgrund der Größe eine gute Übersicht.

ICAO Annex 4 sieht dezidiert die Möglichkeit eines Back-ups mittels Papierkarten vor. Mit der Mitnahme der Rogers Data Papierkarten erfüllen Sie die Vorschrift zur Verfügbarkeit eines Back-Up-Systems. Die Rogers Data VFR Luftfahrtkarten – ICAO Karten erfüllen die Anforderungen.

#### Rogers Data VFR ICAO Karten -ECQB PPL Fragenkatalog

Die ECQB-PPL ist eine internationale Fragendatenbank für Privatpilotenlizenzen, die auf europäischen Regularien und Standards basiert und darüber hinaus ICAO-konform ist. Im Rahmen einer weiteren Vereinheitlichung und Harmonisierung der Pilotenausbildungen kommen ab Version 21.2. der PPL Datenbank in den Fächern Flugplanung und Navigation ausschließlich die ICAO-Karten von Rogers Data zur Anwendung. Prüfungen bei der Austro Control sowie weiteren Luftfahrtbehörden finden seit Oktober 2021 mit den zugehörigen Rogers Data Kartenausschnitten statt.

# ALWAYS USE CURRENT AND SUITABLE CHARTS

VFR aeronautical charts have to cover the current airspace structure, frequencies and procedures, the route of the planned flight and any route which is reasonable to expect if the flight route diverts.

There is no rule, regulation or law that requests that only certain certified charts or charts from specific suppliers have to be used. The opinion that only goverment issued VFR charts or charts issued by a certain authority may be used for flying, is not designated in the law. Furthermore, there is no rule regarding the form in which the latest chart material has to be present.

The term "aeronautical chart" refers to all sorts of maps used for air navigation providing some of the following information: topographic features, hazards and obstructions, navigation routes and aids, airspace, and airports.

Rogers Data VFR aeronautical charts – ICAO charts are conform to these requirements and contain information that is important for flying. On one hand Rogers Data VFR charts meet the requirements of ICAO Annex 4 and European Commission Regulations and on the other hand meet the expectations of VFR pilots. We are able to combine the requirements and expectations of VFR pilots for VFR aeronautical charts and provide highly sophisticated and optimized products.

Of course, charts may be carried as a paper chart and in electronically readable format. The critical factor is **currency and suitablility.** Whatever you do, do it right. Choose your preferred type of map - digital or print version.

Rogers Data VFR ICAO charts have a very detailed representation of ATS airspace structures. We use a high-quality topographic map with contour labels and lines. This creates a dynamic 3D impression.

Rogers Data VFR aeronautical charts include TMZ transponder mandatory zones, RMZ radio mandatoryzones, airports, aerodromes and heliports with additional information, compulsory reporting points, reporting points on request, significant points (border crossing), Radio Navigation Aids with name, frequency and morse code, obstacles or group of obstacles and aerial sporting and recreational activities, areas with sensitive fauna (Natural Parks and Areas Subject to Natural Fauna Protection).

A major advantage of Rogers Data VFR aeronautical charts – ICAO charts is the fact that they are available in digital versions and print versions. You can see the same chart image on the screen and on the printed map that you are holding in your hand.

#### Back-Up Arrangements according to ICAO Annex 4

As a pilot you should familiarize yourself with the available charts and decide according to your needs and preferences. Despite the increasing popularity of electronic charts, it is only wise to **keep backup systems ready** to have them available in case you need them. In addition, using multiple systems for navigation allows a pilot to use each system to it's advantage.

A paper VFR aeronautical chart is still a proven system for flight preparation, flight route selection and provides an overview due to its size.

ICAO Annex 4 regulates that a suitable back-up system may include the carriage of paper charts. By taking the Rogers Data VFR aeronautical charts – ICAO charts in paper version with you, you are conform with the regulations for a back-up system.

#### Rogers Data VFR ICAO Charts -ECQB PPL Questionnaire

The ECQB-PPL is an international question bank for private pilot licenses, which is based on European regulations and standards and is also ICAO-compliant. It is used by many aviation authorities worldwide to conduct pilot examinations. As part of a standardisation and harmonisation of pilot trainings, **only ICAO-charts of Rogers Data are used** in the subjects of flight planning and navigation of the PPL question bank.

Find out more information at www.rogersdata.at

"always keep current & suitable VFR aeronautical charts on board"

AIRSPACE REVISIONS www.rogersdata.at/en/airspace-revisions

Enter

LUFTRAUMÄNDERUNGEN www.rogersdata.at/luftraumaenderungen



www.rogersdata.at

#### ICAO Anhang 4, EU-Verordnung VFR Luftfahrtkarten

Rogers Data VFR Luftfahrtkarten werden gemäß den einschlägigen Bestimmungen des ICAO Annex 4 "Aeronautical Charts" (Luftfahrtkarten) sowie den relevanten EU-Bestimmungen erstellt. Darüber hinaus basieren sie auf den neuesten Luftfahrtinformationen aus AIP (Aeronautical Information Publication, Luftfahrthandbuch) und deren Supplements der CAA (Civil Aviation Authority).

Diese einschlägigen Bestimmungen (ICAO Annex 4; EU-Verordnung) regeln, dass VFR Luftfahrtkarten "aktuell und zweckdienlich" sein müssen. Weiters regelt ICAO Annex 4, dass neben der Verwendung von digitalen VFR Luftfahrtkarten ein geeignetes Back-Up System zwingend erforderlich ist. In diesem Zusammenhang gibt ICAO vor, dass Papierkarten ein geeignetes Back-Up System sind.

(...) a suitable back-up system may include the carriage of paper charts. [20.6 "Back-up Arrangements" to Annex 4 to Convention on International Civil Aviation]

#### ICAO Annex 4, EU-Regulation VFR Aeronautical Charts

Rogers Data VFR aeronautical Charts are made according to ICAO Annex 4 "Aeronautical Charts", based on relevant regulations of European Commission Regulations and the latest aeronautical information from AIP (Aeronautical Information Publication) and their supplements of the CAA (Civil Aviation Authority) of each competent authority.

These regulations (ICAO Annex 4; EU regulations) regulate that VFR aeronautical charts have to be "current and suitable". Furthermore ICAO Annex 4 regulates that an appropriate back-up system is mandatory in addition to the use of digital aeronautical charts. In this context ICAO explains that paper charts may be a suitable back-up system.

(...) a suitable back-up system may include the carriage of paper charts. [20.6 "Back-up Arrangements" to Annex 4 to Convention on International Civil Aviation]





Annex 4 to the Convention on International Civil Aviation | 20.6 Back-up arrangements To ensure safe navigation in case of a failure of the Electronic Aeronautical Chart Display - ICAO, the provision of adequate back-up arrangements shall include:

a) facilities enabling a safe takeover of display functions

in order to ensure that a failure does not result in a critical situation; and

b) a back-up arrangement facilitating the means for safe navigation of the remaining part of the flight.

Note.- A suitable back-up system may include the carriage of paper charts. (ICAO Annex 4)
#### Abfangverfahren & Signale an Bord

Seit 25. August 2016 müssen Informationen über Abfangverfahren und - signale an Bord eines Luftfahrtzeuges mitgeführt werden, da die Opt-Out-Regelung der Verordnung (EU) Nr. 800/2013 der Kommission und der Verordnung (EU) Nr. 965/2012 der Kommission mit 25. August 2016 endete. Unser Rogers Data Austria VFR Trip Kit enthält die entsprechenden Informationen und Abbildungen auf den Seiten ENR 4.1-1 bis ENR 4.1-5. Mit dem Mitführen des Rogers Data VFR Trip Kits erfüllen Sie die Anforderungen dieser Verordnung.

#### 

Commission Regulation (EU) No 965/2012 of 5 October 2012 laying down technical requirements and administrative procedures related to air operations pursuant to Regulation (EC) No 216/2008 of the European Parliament and of the Council

Part-NCO (ANNEX VII to Commission Regulation (EU) No 965/2012) "Non-Commercial air operations with other-than-complex motor-powered aircrafts"

#### NCO.GEN.135

Documents, manuals and information to be carried a) The following documents, manuals and information shall be carried on each flight as originals or copies unless otherwise specified:

**11.** procedures and visual signals information for use by intercepting and intercepted aircraft

Part-NCC (Annex VI to Commission Regulation (EU) No 965/2012) "Non-Commercial Air Operations with complex motor-powered aircrafts"

#### NCC.GEN.140

Documents, manuals and information to be carried a) The following documents, manuals and information shall be carried on each flight as originals or copies unless otherwise specified:

**12.** procedures and visual signals information for use by intercepting and intercepted aircraft

#### Interception procedures & signals on board

Since 25th August 2016 information of interception procedures and signals must be carried on board of an aircraft, because the publication of Opt-Out of Commission Regulation (EU) No. 800/2013 and Commission Regulation (EU) No. 965/2012 ended with 25th August 2016. Our Rogers Data Austria VFR Trip Kit contains the relevant information and illustrations on pages ENR 4.1-1 to ENR 4.1-5. By taking the Rogers Data VFR Trip Kit with you, you are conform with those regulations.

Part-CAT (Annex IV to Commission Regulation (EU) No 965/2012) Commercial air transport operations

#### CAT.GEN.MPA.180

Documents, manuals and information to be carried a) The following documents, manuals and information shall be carried on each flight, as originals or copies unless otherwise specified:

13. procedures and visual signals information for use by intercepting and intercepted aircraft

INTERCEPTION SIGNALS ENR 4,1-1 S11-1 Signals initiated by intercepting aircraft and responses by intercepted aircraft INTERCEPTING Aircraft Signals INTERCEPTED Aircraft Responds Meaning Meanin DAY or NIGHT: Rocking extrait and filehing navigational lights at irregular intervals (and landing lights in the case of a helicopter) from a position sight, above and anead of and normally to the left of, the intercepted aircraft (or to the right if the introcepted aircraft a helicopter) and, after acknowledgement, a slow level turn, normally to the left (or Io the right in the case of a helicopter) on the desire heading. been inter-cepted Under-tood, w DAY or NIGHT: Rocking aircraft comply ark 1: Meteorological conditions require the intercepting aircraft sotions and direction of turn gr ark 1: N Follow the intercepting aircra to fly a series of race-tock the aircraft each tim



(fig above.:

Rogers Data VFR Trip Kit 200 Interception procedures and signals on board")

You will find more information about our VFR Trip Kit 200k on page 41. Part-NCC (Anhang VI to Regulation (EU) No. 965/2012, Regulations (EU) No. 379/2014) "Composition of applicable regulations concerning aeronautical charts,

#### NCC.GEN.140

**Documents, manuals and information to be carried** a) The following documents, manuals and information shall be carried on each flight as originals or copies unless otherwise specified:

11. current and suitable aeronautical charts for the route of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted (...)

Part-NCO (Annex VII to Regulation (EU) No. 965/2012, Regulation (EU) No. 379/2014) "Non-commercial with other-than complex motor-powered aircraft"

#### NCO.GEN.135

**Documents, manuals and information to be carried** a) The following documents, manuals and information shall be carried on each flight as originals or copies unless otherwise specified

10. **current and suitable aeronautical charts** for the route area of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted (...)

#### AMC1 NCO.GEN.135(a)(10)

#### Documents, Manuals and Information to be carried CURRENT AND SUITABLE AERONAUTICAL CHARTS

(a) The aeronautical charts carried should contain data appropriate to the applicable air traffic regulations, rules of the air, flight altitudes, area/route and nature of the operation. Due consideration should be given to carriage of textual and graphic representations of:

(1) aeronautical data, including, as appropriate for the nature of the operation:

(i) airspace structrure;

(ii) significant Points, Navigation aids (navaids) and air traffic services (ATS) routes;

(iii) navigation and communication frequencies;

(iv) prohibited, restricted and danger areas; and

(v) sites of other relevant activities that may hazard the flight; (...)

#### CAT.GEN.MPA.180

**Documents, manuals and information to be carried** a) The following documents, manuals and information shall be carried on each flight, as originals or copies unless otherwise specified:

12. current and suitable aeronautical charts for the route of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted

#### CAT.GEN.MPA.190

#### Provision of documentation and records

The commander shall, within a reasonable time of being requested to do so by a person authorised by an authority, provide to that person the documentation required to be carried on board.

#### CAT.OP.MPA.175 Flight preparation

a) An operational flight plan shall be completed for each intended flight based on considerations of aircraft performance, other operating limitations and relevant expected conditions on the route to be followed and at the aerodromes/operating sites concerned

b) The flight shall not be commenced unless the commander is satisfied that:

5. current maps, charts and associated documentation or equivalent data are available to cover the intended operation of the aircraft including any diversion that may reasonably be expected

#### CAT.IDE.A.355 Management of aeronautical databases

b) The operator shall ensure the timely distribution and insertion of current and unaltered aeronautical databases to all aircraft that require them.

#### SPA.HEMS.130 Crew requirements

e) Crew composition

2. Night flight. The minimum crew by night shall be:i) two pilots; or

ii) one pilot and one HEMS technical crew member in specific geographical areas defined by the operator in the operations manual taking into account the following:

A. adequate ground reference;

B. flight following system for the duration of the HEMS mission

#### SPO.GEN.140

#### Documents, manuals and information to be carried

a) The following documents, manuals and information shall be carried on each flight as originals or copies unless otherwise specified below

12. current and suitable aeronautical charts for the route/area of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted

13. **procedures and visual signals information** for use by intercepting and intercepted aircraft

#### SPO.OP.115 Departure and approach procedures -AEROPLANES AND HELICOPTERS

a) The pilot-in-command shall use the **departure and approach procedures established** by the State of the aerodrome, if such procedures have been published for the runway or FATO to be used.

b) The pilot-in-command may deviate from a published departure route, arrival route or approach procedure:

1. provided obstacle clearance criteria can be observed, full account is taken of the operating conditions and any ATC clearance is adhered to; or

2. when being radar-vectored by an ATC unit

c) In the case of operations with complex motor-powered aircraft, the final approach segment shall be flown visually or in accordance with the published approach procedures.

## CAT.OP.MPA.135 Routes and areas of operation - GENERAL

a) The operator shall ensure that operations are only conducted along routes, or within areas, for which:
1. space-based facilities, ground facilities and services, including meteorological services, adequate for the planned operation are provided

2. the performance of the aircraft is adequate to comply with minimum flight altitude requirements

3. the equipment of the aircraft meets the minimum requirements for the planned operation; and

4. appropriate maps and charts are available. (..)

More information about Rules and Regulations: www.rogersdata.at



# **VFR TRIP KIT** Rogers Data | Scale 1:200.000







#### Austria VFR Trip Kit, Scale 1:200.000

The Rogers Data VFR Trip Kit is a unique summary of all civil and military approach charts and aerodrome charts existing in Austria. Approach procedures, runway, reporting points, frequencies, traffic pattern and VFR sectors are shown. It also includes all approach and aerodrome charts with an aerial photo and all necessary information for VFR, also telephone accessibility and opening times.

Format: DIN A5 size with spiral binding

For each aerdrome chart there is the matching approach chart. More information about the Austria VFR Trip Kit: www.rogersdata.at

> EUR 54,90 AMDT 22 APR 2021 recommended retail price



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Navigation Compass 200 for VFR charts on a scale of 1:200.000



Navigation Compass 250 for VFR charts on a scale of 1:250.000



Navigation Compass 500 for VFR charts on a scale of 1:500.000





#### Rogers Data Navigation Compass 1:200.000, 1:250.000 or 1:500.000

#### WHAT`S THAT?

The Rogers Data Navigation Compass combines sectional plotter, time-speed-distance computer, ruler and navigation compass template in a single device.

#### HOW DOES IT WORK?

The Rogers Data Navigation Compass facilitates the solution of navigation tasks and is easy to use! **Note:** We provide different versions of Rogers Data Navigation Compasses for different map scales. Make sure to use the suitable navigation compass regarding to the scale of the sectional chart.

VIDEO DEUTSCH

Scan the QR code of your preferred language and watch the video of the explanation of how the Rogers Data Navigation Compass works.

**VIDEO** 

ENGLISH

DISTANCE MEASUREMENT FLIGHT TIME HEADING OPPOSITE TRACK SPEED MEASUREMENT PATH-TIME MEASUREMENT DIRECTION FINDING CIRCLE TEMPLATE AND RULER





Made in Austria. Rogers Data GmbH in cooperation with GEOtec Zeichen- und Kunststofftechnik GmbH.



#### Navigation Compass 200, 250 or 500

Production in cooperation with ARISTO

- For VFR charts on a scale of 1:200.000, 1:250.000 or 1:500.000
- Distance and path-time measurement
- Flighttime distance and heading computer in single device
- Compass template and ruler
- Distance picked up with the tips read distance between two points
- Required flight time between two points could be read in minutes
- Mounted concentric compass scale
- Headings with associated opposite course can be determined on the back side
- Highlighting of navigation points

EUR 34,90 / compass recommended retail price









#### Nylon Cover for Rogers Data Navigation Compass

This eye-catching and beautifully crafted cover is made of durable nylon fibre and features a protective velour lining. The cover is made specially for the Rogers Data Navigation Compass. The Rogers Data Navigation Compass is well protected by the cover and can be easily stored and removed from it. This way you always have your helpful tool for flight preperation and inflight calculation with you on a professional basis.

> EUR 24,90 recommended retail price



#### Leather Cover for Rogers Data Navigation Compass

This shapely and exquisitely crafted cover is made of high quality, eco-friendly recycling leather and fitted with a protective velour lining. The cover is specially adapted to the Rogers Data Navigation Compass. The Rogers Data Navigation Compass is well protected within the cover and can be stored and taken out easily. This way you always have your helpful tool for flight preparation and inflight calculation with you on a professional basis.

> EUR 24,90 recommended retail price

#### Die Erfinder des GEODREIECK®





- Quality product made of high-gloss chromed brass
- Packed in a leather case
- Length 180mm / 7 inches
- Operating range up to 560mm
- Made in Germany

#### **ARISTO One-Hand Marine Compass AR9802**

- Quality product made of high-gloss chromed brass
- Packed in a leather case
- Length 185mm / 7.2 inches
- Operating range up to 400mm
- Made in Germany

#### **Professional Protractor Triangle EASA/ICAO**

- Quality product made of crystal-clear Plexiglas<sup>®</sup>
- Strong Plexiglas handle
- Hole for grip and suspension
- Meets the requirements for the use in EASA / ICAO written examinations.
- Suitable for measuring distances in NM and determining courses on charts
- Scale length is 16cm, with 0-point in the middle (8-0-8)
- Additional scale in nautical miles for 1:500.000 and 1:200.000
- Circle template 10mm for left- and right- handers
- Suitable for navigation in air and at sea
- Made in Austria

#### **ARISTO AR1559/1 Aristo Navi-Plotter**

- Quality product made of 1mm transparent PET-G plastic
- Format 290 x 130mm
- Rotating compass-rose
- Angle scales for course and location determination
- Scales 28cm and 11 inches at both longitudinal sides as well as 10cm at both short sides
- Made in Austria

#### ARISTO AR1565/1 Aristo Navi-Set 4 pieces

- High-value navigation set consisting of:
- Navi-Plotter AR1559/1
- One-hand marine compass AR9802
- Clutch pencil 2mm
- Lead-eraser
- Size: 402 x 310mm opened / 210 x 310mm closed

#### ARISTO AR1565/4 Aristo Navi-Set 5 pieces

- High-value navigation set consisting of:
- One-hand marine compass AR9802
- Set square sea AR1538SU
- Set square AR1558/2Clutch pencil 2mm
- Clutch pencil 2
- Lead-eraser
- Size: 402 x 310 mm opened/ 210 x 310 mm closed

RRP incl. VAT plus shipping

28,90 €









ARISTO

15,90 €

## **Aristo**

#### **ARISTO Set Square Sea AR1533**

- Quality product made of crystal-clear Plexiglas®
- Without embossing for free sight on the map
- Hypotenuse 32.5cm
- High-value screwed wooden handle
- Hole for grip and suspension
- Suitable for navigation in air and at sea
- Made in Austria

## ARISTO Set Square Air AR1556/3 Quality product made of crystal-clear Plexiglas<sup>®</sup>

- Strong Plexiglas handle
- Embossing in hot stamp procedure for long legibility
- Angle scales 360°/ 1°, 0 180° black, 180 360° red and with whitebackground as well as a scale 20cm with zero-point in the centre (10-0-10) red
- Hypotenuse 22.5cm
- Suitable for navigation in air and at sea
- Made in Austria

#### **ARISTO Set Square Air AR1556/5**

- Quality product made of crystal-clear Plexiglas<sup>®</sup>
- Strong Plexiglas handle
- Embossing in hot stamp procedure for long legibility
- Angle scales 360° / 1°, one scale 16cm with zero-point in the centre (8-0-8), additional scales in nautical miles 1:1000000 / 1:500000 / 1:250000.
- Hypotenuse 22.5cm
- Suitable for navigation in air and at sea
- Made in Austria

#### ARISTO Set Square Sea AR1558/2

- Quality product made of crystal-clear Plexiglas<sup>®</sup>
- strong Plexiglas® handle
- hole recess for position marking (also suitable as a suspension/handle hole)
- Angle scales 360° / 1° and compass graduation, scale 20cm with zero-point in the centre (10-0-10)
- Hypotenuse 22,5cm
- Suitable for navigation in air and at sea
- Made in Austria

#### **ARISTO Set Set Square AR1560**

- Quality product made of crystal-clear Plexiglas®
- High-value screwed wooden handle
- Hole for grip and suspension
- Embossing in hot stamp procedure for long legibility
- Angle scales 360 / 1°, one compass graduation each 0 180° in green and 180° - 360° in red, scale range with white background, scale 16cm with zero-point in the centre (8-0-8) in red
- Hypotenuse 32.5cm
- Suitable for navigation in air and at sea
- Made in Austria





### WWW.KURSDREIECK.AT

#### PROTRACTOR TRIANGLE EASA / ICAO

With this professional and high-quality protractor triangle you can easily measure distances in NM and determine courses on charts. Scale 16cm, with 0-point in the middle (8-0-8) and nautical miles are shown within the scale of 1:500.000 and 1:200.000. Circle template 10mm for left- right- handers.

## Meets the requirements for the use in EASA, ICAO written examinations.

This protractor triangle is the absolute favorite for pilots and skippers due to its easy route planning and high usability!

Made in Austria. Rogers Data in cooperation with GEOtec Zeichen- und Kunststofftechnik GmbH

#### EUR 14,90

recommended retail price



Scan the QR code and watch the video of our new protractor triangle EASA/ ICAO.



















# RDtech® Lamination Technology with special laminate

All Rogers Data VFR aviation charts feature the unique RDtech® lamination coating technology. With this technology, all charts are tear resistant and can be folded as many times as needed. The special lamination minimizes solar reflection, mirroring and has been tested at temperatures between -20°C and +80°C. The Rogers Data charts can be written on with an optimized permanent RDtech® pen set. The marked flight paths and markings can be removed afterwards with a RDtech® spray or RDtech® cleaning wipes without leaving any residue.

All this can be done multiple times and the RDtech® laminated Rogers Data VFR ICAO chart will still look like a brand-new chart.

All Rogers Data VFR charts have the same design, the same chart image and the same quality. The uniform appearance makes it easy to find one's way around the respective chart. A feature of Rogers Data aeronautical charts appreciated by pilots is especially the realistic representation of the terrain with the special topographic background map, which includes contour labels and lines. Furthermore, the airspace structure is very clearly displayed and optimally prepared. Thereby CTRs (Control Zones), RMZs (Radio Mandatory Zones) and airspace restrictions are displayed in the color red. The airspace with its structure is shown in blue and the nature reserves with flying restrictions are shown in green.

#### All-round carefree package for pilots:

- VFR ICAO Chart, Scale 1:500.000
- Navigation Compass 500
- Cover for Navigation Compass
- Protractor Triangle EASA / ICAO
- RDtech<sup>®</sup> Pens
- RDtech<sup>®</sup> Spray
- RDtech<sup>®</sup> Cleaning Tissues

Find out more at www.rogersdata.at

#### STEP 1 lable and mark



(fig. 1) Plan your flight route. Use RDtech<sup>®</sup> pens to lable and mark the VFR charts.

#### RDtech<sup>®</sup> pens includes:

- 4 triplus permanent pens
- text marker
- mechanical pencil



#### HOW DOES IT WORK?

Plan your flight route using RDtech® pens to make notes on the VFR charts. For corrections or revisions use the RDtech® cleaning tissue. After your flight use the RDtech® spray to remove the notes residue-free.

RDtech<sup>®</sup> Pen-Set: EUR 14,90 RDtech<sup>®</sup> Spray: EUR 9,90 RDtech<sup>®</sup> Cleaning tissues: EUR 8,90 recommended retail price STEP 2 corrections and revisions



(fig. 2) Correct your flight route. Use a RDtech<sup>®</sup> cleaning tissue to remove the markings.

#### RDtech<sup>®</sup> cleaning tissues:

- Set of 10 tissues
- IPA-Alcohol cleaning tissues
- Only as set available



#### STEP **3** remove residue-free



(fig. 3) After your flight. Use the RDtech<sup>®</sup> spray to remove the markings residue-free.

#### RDtech<sup>®</sup> spray:

- 100ml IPA-Alcohol
- incl. microfibre tissue





# ACCESSORIES

Picnic Blanket, Sportbags, Beach Towels

Jara Para



#### Picnic Blanket "European Aerodromes" 180 x 180 cm

The picnic blanket is an eyecatcher and "must have" for pilots or aviation fans! It can be easily folded, it takes up little space and the sewn handle and strap makes it easier to carry. You can take it and use it anywhere: Picnic, beach, camping, travel or flying, garden or even at home for kids to play on a soft and large picnic blanket.

Material: fleece, PVC foam, ALU- material that protects against moisture and has very good thermal insulation properties - with the waterproof and sandproof backing that acts as insulation, keeping the top surface comfortable and dry when used on damp grass or beach.









EUR 49,90 recommended retail price

## Backpack "Charts Available For"

#### Turn one into two!

The backpack can be used also as a sportbag by changing the handles to a sportbag or vice versa. This exclusive backpack is perfect for pilots and aviation fans. It can be used as a duffel, travel bag, backpack or sportbag.

Dimensions: L46 x W25 x H25 cm | L18" x W10" x H10" Material: Canvas | Color: Grey  $\hfill \ensuremath{\mathsf{Canvas}}$ 

EUR 49,90 recommended retail price









#### Sportbag "Air Crew"

This aviation sportbag is perfect for pilots or aviation fans. It has a large main compartment and an inner compartment, with a zipper, space for mobile phone, money, purse or club card for example. It has adjustable padded strap for hand carrying and can beused as a travel bag or sportbag or as bag for cabin luggage in the aircraft or cockpit.

Dimensions: L46 x W25 x H25 cm | L18" x W10" x H10" Material: Canvas | Color: Black

EUR 59,90 recommended retail price









#### Sportbag "Aviation Terms"

This aviation sportbag is perfect for pilots or aviation fans. It has a large main compartment and an inner compartment, with a zipper, space for mobile phone, money, purse or club card for example. It has adjustable padded strap for hand carrying. It can be used as a travel bag or sportbag. Leather handle on the straps provides comfortable carrying.

Dimensions: L60 x W28 x H25 cm | L24" x W11" x H10" Material: Canvas | Color: Brown

EUR 79,90 recommended retail price



**SPORTBAG, CANVAS BLACK** 

ACCESSORIES 54

AVIATION ART POSTERS



#### Keychains - Aviation Design

These keychains are nice accessories for pilots or aviation enthusiasts and these are a real eye-catcher. They can be used as a keyring, luggage tag, bag tag or on a zipper.

We offer 15 different designs. The great variety of keychains guarantees to offer something for every taste.

You can find all designs on our webshop: www.rogersdata.at/shop



EUR 5,99 per keychain recommended retail price



#### Austrian Air Force SAAB J-29F

The Saab 29, affectionately known as the "Flying Barrel", was Sweden's second Turbojet after the Saab 21R. The jet was designed and built in the 1950s. The designation J denotes the hunting variant of the Saab 29, (Swedish "Jakt"). 1954/1955 two world records were set with the Saab 29, 500km with 977 km / h and 1000 km at 900.6 km / h.

Set: 4 Poster-Bundle | DIN A3 Color: 4 color digital print

EUR 49,90 recommended retail price



#### Coffee Mugs Pilot Captain Stripes

This exclusive mug set consists of 4 mugs á 300ml (11oz) in high quality ceramic. The mugs are fully dedicated to the theme of aviation and something very special for every pilot and aviation enthusiast. The special design with the golden captain stripes are perfect souvenirs for you and your loved ones.

Dimensions: H 9,8 cm | Ø 8,2 cm (H 3.8" | Ø 3.2") Color: navyblue, golden stripes

EUR 49,90 recommended retail price



#### Beach Towels 90 x 180 cm (36" x 72")

This special beach towels are perfect for pilots or aviation fans. A great day on the beach or in the spa is guaranteed!

- Velours terry beachtowel
- 100 % cotton, terry with approximately 450 g/m<sup>2</sup>
- two colour jacquard-woven with additional relief weave "Rogers Data"
- upper surface velours
- OEKO TEX standard 100, ISO 14001 and EMAS
- Made in Austria



#### Beach Towel "Oceanic Control" color: black, yellow EUR 39,90 RRP







#### Beach Towel "Runway Markings" color: black, green EUR 39,90 RRP







Beach Towel "Departure Screen" color: black, turquoise blue EUR 39,90 RRP







Beach Towel "Aeroplane" color: black, burgundy EUR 39,90 RRP





# DISTRIBUTORS & RESELLERS

#### **RESELLER & DISTRIBUTORS**

Obtain ROGERS DATA products directly from our European distributors. Select your reseller from the list.

#### AUSTRIA

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Bernwieser Seekarten + Flightshop Engerthstrasse 237 / Ecke Lösslweg, 1020 Wien e-mail: bernwieser@bernwieser.at www.bernwieser.at

#### Diamond Aircraft Industries GmbH - Pilotshop

Ferdinand Graf von Zeppelin Strasse 1 2700 Wiener Neustadt phone: +43 664 833 44 92 www.pilotshop.at

#### freytag & berndt Reisebuchhandlung Wallnerstrasse 3, 1010 Wien

phone: +43 1 533 86 85 e-mail: shop@freytagberndt.at www.freytagberndt.at



#### MFU Klosterneuburg - Pilotshop

Türkenschanzgasse 123, 3400 Klosterneuburg e-mail: abk@mfu.at www.flugzeughandel.at

#### P&B Helitrade GmbH

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#### Rainer Beteiligungsgesmbh – Department Aviation

Marktgasse 2, 8750 Judenburg E-Mail: christof.rainer@icloud.com

#### Streckenflug.at Shop

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#### BELGIUM

#### ShopWeDo CrewLounge.Shop by Flyinsite Lily Boeykenslaan 13, 3530 Houthalen e-mail: info@flyinsite.com www.flyinsite.com

#### CZECH REPUBLIC

#### **Czech Pilot Group**

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#### **OK Aviation Base**

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#### DENMARK

#### AEROpartner Scandinavia ApS

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#### Aeropole Denmark ApS

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#### FRANCE

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boutique.aero 6 allée Henry Potez Zone d'Aviation d'Affaires et de Fret, 31700 Blagnac phone: +33 (0) 534605604, mail: contact@boutique.aero www.boutique.aero

La boutique de Toussus le Noble Aérodrome de Toussus-le-Noble, 78117 Toussus le Noble phone: +33 (0)1 39 56 25 60 www.boutiquedupilote.fr

La boutique de Paris 25 rue de la Convention, 75015 Paris phone: +33 (0)1 45 75 72 27 www.boutiquedupilote.fr

La boutique du musée de l'air et de l'espace du Bourget Aéroport de Paris, 93350 Le Bourget phone: +33 (0)1 74 25 50 83 www.boutiquedupilote.fr

La boutique de Lyon Aérodrome de Lyon-Bron, 69500 Bron phone: +33 (0)4 72 81 72 30 www.boutiquedupilote.fr

**Société Côté Piste** Aéroport Lyon-Bron, H5 69500 Bron www.cotepiste.fr

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#### GERMANY

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#### JUNKERS Profly GmbH

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Sky Fox GmbH Alexander-Meißner-Str. 42, 12526 Berlin phone: +49 (0)30-864 746-46 e-mail: info@sky-fox.com www.skyfox.com Ülis Segelflugbedarf Untergasse 1, 63688 Gedern phone: +49 6045 950 100 e-mail: info@segelflugbedarf24.de www.segelflugbedarf24.de

#### GREECE

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#### GAstore

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#### NETHERLANDS

#### **Aviation Megastore**

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#### The Pilot Shop

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#### POLAND

AirSup.eu Sklep Lotniczy - Dla Pilota - Części Lotnicze YLF sp. z o.o. Jana Matejki 6a, 86-032 Niemcz phone: +48 22 299 29 95, www.airsup.eu

#### PORTUGAL

#### PILOT WINGS AVIATION STORE Lda

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#### ROMANIA

#### Regional Air Suport / Pilotshop.ro

No. 24-28 Bucuresti-Ploiesti Str., 013694 Bucharest e-mail: office@pilotshop.ro www.pilotshop.ro

#### SERBIA

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#### SLOVAKIA

Pilotstore s.r.o. MATÚŠ TAHOTNÝ AUTODOPRAVA Kupeckého 49, 90201 Pezinok phone: +421 905 337 905, e-mail: info@pilot-store.sk

#### **SLOVENIA**

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**Pilotkompaniet Scandinavia AB** Flottiljgatan 49, 721 31 Västerås e-mail: info@pilotkompaniet.se www.pilotkompaniet.se

#### SWITZERLAND

kniebrett.ch Wiesenweg 8, 5313 Klingnau phone: +41 56 508 57 85, e-mail: info@kniebrett.ch www.kniebrett.ch

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