

SIMPLICITY



AVIDYNE

ENTEGRA RELEASE 9

Integrated Flight Deck for Your New Cirrus Aircraft

Available now
directly from
CIRRUS
AIRCRAFT

ENTEGRARE

AVIDYNE

NAV GPSS

ALT
3000
3200
3100
2900
2800
29.92 In Hg

75%
OAT 9°C
TAS 180

173
180
160

280
20
10
20
10
20
20

280
W
30
10 NM
33
5 NM
24
21
15
12

Primary Nav
FMS
MKG
Dtk 279° 4.4 NM

Bearing Ptr
Nav1
115.20 (VOR)
Brg 180° --- NM

Fly Vectors

GS 174 Kts
Wind Calm

Hdg Sel
360°

Boston
Ctr 135.550 Rx

Start Timer
00:00

Flight Plan
On

CDI
On

Course Nav Display Bug Select Range View

Com1 128.600 Rx
Stby 121.175

KRFD
KOPB
KMDW
KGY
KOSN
PMM
KEKM
LGA
KAZO
N3TL
LFD
KJXN
KJOL
KYIP

METAR 4 Min

PFD FMS MAP SYS CHKL

LEASE 9

INNOVATION

CIRRUS FLYING 2.0

AVIDYNE

Alt 1200 Dest KLSE At 57 Gal 20:10 z 18:34:39 z Com2 118.000
Stby 136.975

Fly Direct (---)
CLOCK To: --- AC: --- KGRB

Fly Direct (279°)
MKG To: 4.5NM 1:31M.S KMKO
Cross: before MKG

V2
ODI Proc: 250NM 1:26M.S
At: 59Gal 20:01z

Vectors to final - Inactive

Vectors: ILS 18 Approach
RW18 (MAP) Proc: 26.6NM 9:06M.S
AC: 57Gal 20:10z KLSE

Approach: Vectors: ILS 18

Destination
KLSE Rwy: 18 Brg: 288° 236NM
La Crosse Mun

Published missed approach

Missed Approach
RONNI Proc: 20.2NM 6:54M.S
At: 55Gal 20:17z

Map FPL Info Routes User Wpts Nearest Map Nearest Scroll>Select

AVOID CONTINUOUS OPERATION WITH THE FUEL FLOW SET BETWEEN 18GPH AND 30 GPH WITH THE MP ABOVE 26' HG

NORMAL HIGH POWER CRUISE
2500RPM 29.0-29.5' MP AT 16 TO 17.6GPH

BARO



FASTEN SEATBELTS • NO SMOKING
FIRE EXTINGUISHER FORWARD LEFT OF PILOT SEAT

1 2

OFF HOT

COLD

MKR Com1 Com2 Nav1 Nav2 MKR TEL

ICS Com1 Com2 Mon1 Mon2 Mute SPR

VOL

COM1 COM2 NAV1 NAV2 XPRD MODE PROC NRST

AUX VFR IDENT MAP

COM1 128.600 XPRD GND 1200
STBY 121.175 VFR --- FPM
BEST ETD

AVIDYNE'S ENTEGRA RELEASE 9 FOR YOUR NEW CIRRUS.

Welcome to Entegra Release 9, Avidyne's powerful, simple, intuitive and truly integrated flight deck system. Now available from Cirrus.

FLYING MADE SIMPLE

Entegra Release 9 features large-format, ultra-reliable LED-backlit displays — the first to be truly interchangeable for use as PFD or MFD. Since each Integrated Flight Display (IFD) is fully capable of performing the functions of the other,

no unfamiliar or limited reversionary modes are required. So you can train as you fly and fly as you train.

SIMPLICITY

Pilots depend on good judgment, training and situational awareness. Now they can enjoy the power of Entegra Release 9, with Avidyne's exclusive, easy-to-learn, easy-to-use pilot interface that reduces workload and enhances safety. Entegra Release 9 provides easy access to all critical flight information in a simple "page and tab" format without complex functions, modes or submenus.

Access to any of Entegra Release 9's powerful capabilities is as simple as pressing the desired page key. All display options within a page are represented as tabs, and navigating between tabs is as easy as pressing the page key.

FLIGHT MANAGEMENT MADE SIMPLE

Avidyne's FMS900w is a WAAS-enabled GPS/NAV/COM Flight Management System (FMS) that includes a FMS control/display unit with QWERTY keyboard.

The FMS900w makes navigation easy and intuitive. Flight plans can be created and edited with ease via the bezel controls of either IFD or the dedicated control/display unit. All drop-down menus are context sensitive, and choices are displayed in a prioritized order, making it faster to find the information you need.

GeoFill™ simplifies Flight Planning

The FMS900w features full Airway Flight Planning capability and Avidyne's exclusive GeoFill™, which simplifies flight plan entry by predicting the next waypoint or airport based on the aircraft's position and route of flight. These powerful flight planning features reduce the pilot's workload by as much as 75%. The cockpit is a high-workload environment. Why press more buttons than necessary?

Avidyne's FMS900w Takes the Guesswork Out of Flying

FMS Vectors™ capability offers increased situational awareness when the aircraft is flying a heading vector from Air Traffic Control by displaying the vector directly on the map. Entegra Release 9 automatically calculates the transition from en route GPS to ILS intercept and draws a curved intercept flight path on the display. It even includes wind-corrected roll steering commands to the autopilot. With Entegra Release 9, the pilot can "fly the Magenta line" on the display throughout the entire flight, since he's given FMS guidance for all phases of flight. Entegra Release 9 also enhances communication between the FMS and the autopilot by automatically changing autopilot modes to match the FMS phase of flight. No longer does the pilot need to remember these critical actions at times when the workload in the cockpit is highest.

Next-Generation Database Architecture

The redundancy of Release 9 dramatically improves safety. With a dual-redundant databus architecture, the system continues to function, even with the loss of an entire IFD. The autopilot remains fully coupled. The FMS900w system also interfaces with Avidyne's DVX740 4-channel VHF NAV/COM radios, which feature a 16 Watt high-efficiency transmitter with 8.33 kHz spacing.

LOOKING TO THE FUTURE

Avidyne designed the Entegra Release 9 hardware platform specifically to support future software releases, which will include new display formats such as Synthetic Vision (SVS), Enhanced Vision (EVS), and Highway in the Sky (HITS).

Release 9's fully-modular architecture with dual-redundant, high-speed, peer-to-peer databus allows for easy integration of future upgrades, such as Digital Autopilot, 406 MHz ELT, remote-mount sensors, and Next-Generation components.
