

DA40NG G1000 NXI FD Fields

Field	Units/Format	Parameter	Description	Comments
A	yyy-mm-dd	Lcl Date	Local Date	
B	hh:mm:ss	Lcl Time	Local Time	
C	hh:mm	UTCOfst	Timezone (UTC offset)	
D	ident	AtvWpt	Active Waypoint Identifier	
E	degrees	Latitude	Latitude (current position)	
F	degrees	Longitude	Longitude (current position)	
G	ft	AltInd	Indicated Altitude (barometric)	
H	inch	BaroA	Altimeter Barometric Setting	
I	ft msl	AltMSL	MSL Altitude	GPS MSL based on GSL + location; used for terrain
J	deg C	OAT	Outside Air Temperature	
K	kt	IAS	Indicated Airspeed	
L	kt	GndSpd	Ground Speed (GPS)	
M	fpm	VSpd	Vertical Speed	
N	deg	Pitch	Pitch	from AHRS
O	deg	Roll	Roll	from AHRS
P	G	LatAc	Lateral Acceleration	from AHRS
Q	G	NormAc	Vertical Acceleration	from AHRS
R	deg	HDG	Heading	
W	deg	TRK	Track	
T	volts	volt1	Alternator Voltage	
U	volts	volt2	unused in DA40NG	
V	gals	FQtyL	Fuel Quantity Left Tank (Main)	
W	gals	FQtyR	Fuel Quantity Right Tank (Aux)	
X	gph	E1 FFlow	Fuel Flow	
Y	psi	E1 FPres	Fuel Pressure	
Z	deg F	E1 OilT	Oil Temperature	
AA	psi	E1 OilP	Oil Pressure	
AB	rpm	E1 RPM	Propeller RPM	
AC	%	E1 %Pwr	Engine Power Output	
AD	ft wgs	AltGPS	Altitude GPS	GSL altitude (geodesic sea level)
AE	kt	TAS	True Airspeed	
AF	enum	HSIS	HSI Source	GPS, NAV1, NAV2
AG	deg	CRS	Course Setting	for selected HSI source
AH	MHz	NAV1	Navigational Frequency - NAV1	Active frequency; standby not recorded
AI	MHz	NAV2	Navigational Frequency - NAV2	
AJ	MHz	COM1	Communication Frequency - COM1	
AK	MHz	COM2	Communication Frequency - COM2	
AL	fsd	HCDI	Horizontal Course Deviation Indicator	for selected HSI source & course setting
AM	fsd	VCDI	Vertical Course Deviation Indicator	for selected HSI source & course setting
AN	kt	WndSpd	Wind Speed	
AO	deg	WndDr	Wind Direction	
AP	nm	WptDst	Distance to Next Waypoint	
AQ	deg	WptBrg	Bearing to Next Waypoint	
AR	deg	MagVar	Magnetic Variation (current location)	
AS	bool	AfcsOn	AFCS Status (Autopilot)	0=off, 1=on; 5>manual disconnect; 3 = failure disconnect
AT	enum	RollM	AFCS Roll Mode (Flight Director)	WL, ROL, HDG, VOR, GPS, GPSa, GA, NONE
AU	enum	PitchM	AFCS Pitch Mode (Flight Director)	PIT, ALT, ALTS, GP, VS, FLCIAS, NONE
AV	deg	RollC	AFCS Commanded Roll	from Flight Director
AW	deg	PichC	AFCS Commanded Pitch	from Flight Director
AX	fpm	VSpdG	GPS Vertical Speed	
AY	enum	GPSfix	GPS Fix Quality Level	fixed set of values: NoSoln, 3D, 3DDiff,
AZ	mt	HAL	Horizontal Alert Limit (meters)	alert when HPL > HAL
BA	mt	VAL	Vertical Alert Limit (meters)	alert when VPL > VAL
BB	mt	HPLwas	Horizontal Perf Level - WAAS (meters)	determines which RNAV limits can apply
BC	mt	HPLfd	Horizontal Perf Fault Detection (meters)	GPS reception fault detection
BD	mt	VPLwas	Vertical Perf Level - WAAS (meters)	determines which RNAV limits can apply