

A/C: ES-NDV Flight: ELK1007/1

-

Date: 04/12/2001

Time: 00:02-01:34

RecNo	Time	DSS-L	DSS-P	H-BAR	H-RAD	KLAP-δK	KURS	NZ	OT-L	OT-P	VPP
01793	00:32:04	82	77	204	28	25	292	1.33	146	77	141
01794	00:32:05	82	77	200	12	25	296	1.01	80	77	131
01795	00:32:06	83	77	209	20	25	299	1.15	77	77	134
01796	00:32:07	84	79	230	39	25	303	0.88	82	78	127
01797	00:32:08	85	79	239	47	25	305	0.47	80	79	124
01798	00:32:09	84	79	235	51	25	306	0.53	80	79	132
01799	00:32:10	85	79	230	47	22	315	0.68	82	80	125
01800	00:32:11	85	79	230	51	20	325	0.78	82	82	125
01801	00:32:12	84	78	230	51	17	335	1.12	83	79	107
01802	00:32:13	85	80	239	51	15	342	0.67	81	79	128
01803	00:32:14	112	125	230	43	15	343	0.92	81	78	152
01804	00:32:15	111	121	226	39	15	342	0.95	87	86	162
01805	00:32:16	111	123	204	18	15	342	1.03	87	89	140
01806	00:32:17	111	126	209	8	13	344	0.84	86	94	157
01807	00:32:18	111	121	189	6	10	346	0.87	86	89	162

Scale: 1 sample / 1 second

Display: default

<F1> - Help <Esc> - Quit



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2008-04-10

2008-04-09 10:41

Description of ARINC-717 LFL parameters

Group: N28

ARINC-717 LFL - main information:

Aircraft group.....: N28
 Aircraft type.....: AN-28
 Subframe length.....: 64
 Synchronization words: E24 1DA E25 1DB

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2008-04-10

Analog parameters

Mnemonic	Desc.	Unit	Freq Standard
1 DROGA			Virtual
2 DSS-L	Polozenie dzwigni gazu silnika lewego		2 Hz @THPOS1
3 DSS-P	Polozenie dzwigni gazu silnika prawego		2 Hz @THPOS2
4 DZIEN	Dzien kalendarzowy		1/64 H:@DOCDAY
5 GODZINY	Godziny czasu rzeczywistego		1/4 Hz@GMTHOUR
6 H-BAR	Wysokosc barometryczna	m	2 Hz @BALT
7 H-RAD	Wysokosc radiowysokosciomierza	m	2 Hz @RALT
8 INDEX PIL	Index 1-go. pilota		1/64 Hz
9 KALIBRACJA			1 Hz
10 KLAP-ek	Wychylenie klap		1 Hz
11 KURS	Kat odchylenia od kursu		1 Hz @MHEAD
12 MASA-START	Masa. 4444-próba-działania	kg	1/64 Hz
13 MIESIAC	Miesiac roku kalendarzowego		1/64 H:@DOCMONTH
14 MINUTY	Minuty czasu rzeczywistego		1/4 Hz@GMTMIN
15 NUMER SAM.	Numer samolotu		1/64 H:@DOCAIRCT
16 NZ	Przeciazenie w osi z	g	16 Hz
17 OS-L	Obroty smigla (turbiny) lewego	% rpm	1 Hz @N11
18 OS-P	Obroty smigla (turbiny) prawego	% rpm	1 Hz @N12
19 OT-L	Obroty turbosprezarki lewej	% rpm	1 Hz @N21
20 OT-P	Obroty turbosprezarki prawej	%	1 Hz @N22
21 POCHYLENIE	Pochylenie samolotu		4 Hz
22 PRZECH	Kat przechylenia		4 Hz
23 ROK	Rok kalendarzowy w formacie RR		1/64 H:@DOCYEAR
24 SEKUNDY	Sekundy czasu rzeczywistego	secs	1/4 Hz@GMTSEC
25 SMIGLOLEW			Virtual
26 SR-OSOBA	Poł.śr.cież.(osoba kodująca z SiL na pr)		1/64 Hz
27 STER-ek	Wychylenie steru kierunku		4 Hz
28 STER-el	Wychylenie loteki prawej		4 Hz
29 STER-ew	Wychylenie steru wysokosci		4 Hz
30 SUPER#1	Licznik superramek 1		1/4 Hz@SUP01
31 SUPER#2	Licznik superramek 2		1/4 Hz@SUP02
32 SUPER#3	Licznik superramek 3		1/4 Hz@SUP03
33 SUPER#4	Licznik superramek 4		1/4 Hz@SUP04
34 V115/400HZ	Napiecie zasilajace 115V/400Hz	V	1 Hz
35 V27/STALE	Napiecie zasilajace 27Volt	V	1 Hz
36 V36400HZ	Napiecie 36V/400Hz	V	1 Hz
37 VOPD			Virtual
38 VPP	Predkosc samolotu przyrzadowa	km/h	2 Hz @SPEED
39 VSRE			Virtual
40 XREZERWA	Kanal rezerwowy		1 Hz
41 XREZERWA1	Kanal rezerwowy		1 Hz
42 XREZERWA2	Kanal rezerwowy		1 Hz
43 XREZERWA3	Kanal rezerwowy		1 Hz
44 XREZERWA4	Kanal rezerwowy	psi	1 Hz


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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameters

Mnemonic	Desc.	Freq	Standard
1 CIS-OL-L	Min. cis. oleju na wejsciu silnika L	1 Hz	
2 CIS-OL-P	Min. cis. oleju na wejsciu silnika P	1 Hz	
3 GOT-CHOR-L	Gotowosc autom. prost. smigla w chorag.L	1 Hz	
4 GOT-CHOR-P	Gotowosc autom. prost. smigla w chorag P	1 Hz	
5 HORYZ	Uzgodnienie sztucznego horyzontu	1 Hz	
6 OBLO	Sygnal oblodzenia	1 Hz	
7 OBLO-L	ON polozenie kurka ins. P.oblodz L sil.	1 Hz	
8 OBLO-P	ON polozenie kurka ins. P.oblodz P sil.	1 Hz	
9 OBLO-PIL	Wlaczanie inst. P.oblodz przez pilota	1 Hz	
10 ODL-GEN-1	Sygnal odlaczenia generatora nr. 1	1 Hz	
11 ODL-GEN-2	Sygnal odlaczenia generatora nr. 2	1 Hz	
12 OPOR-L	Zdjecie oporu smigla lewego silnika	1 Hz	
13 OPOR-P	Zdjecie oporu smigla prawego silnika	1 Hz	
14 POZAR-SIL	Sygnal pozzaru L.i P. Siln.	1 Hz	
15 RADIO	Wyjscie na zewnetrzne lacznosc radiowa	1 Hz	
16 RADIOLATAR	Przejscie nad radiolatarnia	1 Hz	
17 REC-CHOR-L	Reczne przestawienie smigla w chorag. L	1 Hz	
18 REC-CHOR-P	Reczne przestawienie smigla w chorag. P	1 Hz	
19 REZER-PAL	Rezerwowa reszta paliwa w samolocie	1 Hz	
20 SPRAW-AG	Sprawnosc AG	1 Hz	
21 USZKODZ-L	Uszkodzenie lewego silnika	1 Hz	
22 USZKODZ-P	Uszkodzenie prawego silnika	1 Hz	
23 WYP-SPOJL	Sygnal do wypuszczenia spojlerow	1 Hz	

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameters

DROGA

Virtual parameter

Unit.....:

Value format.....: total digit.....: 6
digits after decimal.....: 1Graphic layout format: zero.....: 0
real value for one range.: 20.0000

Rule applied:

DROGA+VPP/7200

DSS-L

Polozenie dzwigni gazu silnika lewego

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 3
digits after decimal.....: 0Graphic layout format: zero.....: 0
real value for one range.: 25.0000

This parameter is treated as standard with mnemonic @THPOS1

Frequency.....: 2 Hz

Type of dispersal.....: Nonregular

Raw data is recorded in each subframe in:

word: 7 from bit: 12 to bit: 1

word: 39 from bit: 12 to bit: 1

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 452 VAL = 110

RAW = 697 VAL = 80

RAW = 810 VAL = 90

RAW = 948 VAL = 100

RAW = 1120 VAL = 50

RAW = 1130 VAL = 60

RAW = 1220 VAL = 40

RAW = 1337 VAL = 30

RAW = 1473 VAL = 20

RAW = 1622 VAL = 70

RAW = 1827 VAL = 0

RAW = 1944 VAL = 10

DSS-P

Polozenie dzwigni gazu silnika prawego

Parameter type.....: SINGLE

Unit.....:


Value format.....: total digit.....: 3
digits after decimal.....: 0Graphic layout format: zero.....: 0
real value for one range.: 25.0000

This parameter is treated as standard with mnemonic @THPOS2

Frequency.....: 2 Hz

Type of dispersal.....: Nonregular

Raw data is recorded in each subframe in:



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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
 This parameter is treated as standard with mnemonic @DOCAIRCT
 Frequency.....: 1/64 Hz
 Type of dispersal....: Regular
 Data type.....: unsigned
 Number of digits.: 5
 Digits are recorded in each superframe
 -digit No. 1 is recorded
 using superframe counter No.: 4 with active value: 4 in:
 subframe : 4 word: 33 from bit: 4 to bit: 1
 -digit No. 2 is recorded
 using superframe counter No.: 4 with active value: 4 in:
 subframe : 4 word: 33 from bit: 10 to bit: 7
 -digit No. 3 is recorded
 using superframe counter No.: 1 with active value: 5 in:
 subframe : 1 word: 33 from bit: 4 to bit: 1
 -digit No. 4 is recorded
 using superframe counter No.: 1 with active value: 5 in:
 subframe : 1 word: 33 from bit: 10 to bit: 7
 -digit No. 5 is recorded
 using superframe counter No.: 2 with active value: 6 in:
 subframe : 2 word: 33 from bit: 4 to bit: 1
 Conversion method: 1:1

NZ

Przeciazenie w osi z

Parameter type.....: SINGLE
 Unit.....: g
 Value format.....: total digit.....: 4
 digits after decimal.....: 2
 Graphic layout format: zero.....: 15
 real value for one range.: 0.2000
 Frequency.....: 16 Hz
 Type of dispersal....: Regular
 Raw data is recorded in each subframe in:
 word: 2 from bit: 12 to bit: 3
 word: 6 from bit: 12 to bit: 3
 word: 10 from bit: 12 to bit: 3
 word: 14 from bit: 12 to bit: 3
 word: 18 from bit: 12 to bit: 3
 word: 22 from bit: 12 to bit: 3
 word: 26 from bit: 12 to bit: 3
 word: 30 from bit: 12 to bit: 3
 word: 34 from bit: 12 to bit: 3
 word: 38 from bit: 12 to bit: 3
 word: 42 from bit: 12 to bit: 3
 word: 46 from bit: 12 to bit: 3
 word: 50 from bit: 12 to bit: 3
 word: 54 from bit: 12 to bit: 3
 word: 58 from bit: 12 to bit: 3
 word: 62 from bit: 12 to bit: 3
 Raw data type.....: signed.
 Conversion method: interpolation of the following points:
 RAW = 60 VAL = -2

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

This parameter is treated as standard with mnemonic @N12

Frequency.....: 1 Hz

Type of dispersal.....: Regular

Raw data is recorded in each frame in:

subframe : 1 word: 63 from bit: 12 to bit: 1

subframe : 2 word: 63 from bit: 12 to bit: 1

subframe : 3 word: 63 from bit: 12 to bit: 1

subframe : 4 word: 63 from bit: 12 to bit: 1

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 555 VAL = 110

RAW = 600 VAL = 100

RAW = 626 VAL = 95

RAW = 654 VAL = 90

RAW = 693 VAL = 85

RAW = 730 VAL = 80

RAW = 777 VAL = 75

RAW = 830 VAL = 70

RAW = 888 VAL = 65

RAW = 965 VAL = 60

RAW = 1038 VAL = 55

RAW = 1147 VAL = 50

RAW = 1254 VAL = 45

RAW = 1388 VAL = 40

RAW = 1590 VAL = 35

RAW = 1875 VAL = 30

RAW = 2289 VAL = 24

OT-L Obroty turbosprezarki lewej

Parameter type.....: SINGLE

Unit.....: % rpm

Value format.....: total digit.....: 4

digits after decimal.....: 0

Graphic layout format: zero.....: 10

real value for one range.: 100.0000

This parameter is treated as standard with mnemonic @N21

Frequency.....: 1 Hz

Type of dispersal.....: Regular

Raw data is recorded in each frame in:

subframe : 1 word: 15 from bit: 12 to bit: 1

subframe : 2 word: 15 from bit: 12 to bit: 1

subframe : 3 word: 15 from bit: 12 to bit: 1

subframe : 4 word: 15 from bit: 12 to bit: 1

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 555 VAL = 110

RAW = 600 VAL = 100

RAW = 626 VAL = 95

RAW = 654 VAL = 90


RAW = 693 VAL = 85

RAW = 730 VAL = 80

RAW = 777 VAL = 75

RAW = 830 VAL = 70

RAW = 888 VAL = 65

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

Type of dispersal....: Regular

Raw data is recorded in each subframe in:

word: 3 from bit: 12 to bit: 1
 word: 19 from bit: 12 to bit: 1
 word: 35 from bit: 12 to bit: 1
 word: 51 from bit: 12 to bit: 1

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 512	VAL = -90
RAW = 1024	VAL = -90
RAW = 1320	VAL = -60
RAW = 1474	VAL = -50
RAW = 1514	VAL = -45
RAW = 1539	VAL = 0
RAW = 1584	VAL = -5
RAW = 1627	VAL = -10
RAW = 1720	VAL = -20
RAW = 1828	VAL = -30
RAW = 2026	VAL = -45
RAW = 2049	VAL = 0
RAW = 2091	VAL = 5
RAW = 2136	VAL = 10
RAW = 2230	VAL = 20
RAW = 2336	VAL = 30
RAW = 2461	VAL = 40
RAW = 2537	VAL = 45
RAW = 2578	VAL = 90
RAW = 2664	VAL = 80
RAW = 2761	VAL = 70
RAW = 2866	VAL = 60
RAW = 3008	VAL = 50
RAW = 3059	VAL = 45

PRZECH

Kat przechylenia

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 4
 digits after decimal.....: 0

Graphic layout format: zero.....: 10
 real value for one range.: 5.0000

Frequency.....: 4 Hz

Type of dispersal....: Regular


Raw data is recorded in each subframe in:

word: 4 from bit: 12 to bit: 1
 word: 20 from bit: 12 to bit: 1
 word: 36 from bit: 12 to bit: 1
 word: 52 from bit: 12 to bit: 1

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 512	VAL = -90
RAW = 1024	VAL = -90
RAW = 1113	VAL = -80
RAW = 1208	VAL = -70
RAW = 1319	VAL = -60

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

Frequency.....: 1/4 Hz
 Type of dispersal....: Regular
 Data type.....: unsigned
 Number of digits.: 2
 Digits are recorded in each frame
 -digit No. 1 is recorded in:
 subframe : 1 word: 37 from bit: 4 to bit: 1
 -digit No. 2 is recorded in:
 subframe : 1 word: 37 from bit: 10 to bit: 7
 Conversion method: 1:1

SMIGLOLEW

Virtual parameter
 Unit.....:
 Value format.....: total digit.....: 4
 digits after decimal.....: 0
 Graphic layout format: zero.....: 0
 real value for one range.: 10.0000
 Rule applied:
 "OS-L"/4

SR-OSOBA

Poł.śr.cież.(osoba kodująca z SiL na pr)

Parameter type.....: BCD
 Unit.....:
 Value format.....: total digit.....: 4
 digits after decimal.....: 0
 Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
 Frequency.....: 1/64 Hz
 Type of dispersal....: Regular
 Data type.....: unsigned
 Number of digits.: 3
 Digits are recorded in each superframe
 -digit No. 1 is recorded
 using superframe counter No.: 1 with active value: 9 in:
 subframe : 1 word: 33 from bit: 4 to bit: 1
 -digit No. 2 is recorded
 using superframe counter No.: 1 with active value: 9 in:
 subframe : 1 word: 33 from bit: 10 to bit: 7
 -digit No. 3 is recorded
 using superframe counter No.: 2 with active value: 10 in:
 subframe : 2 word: 33 from bit: 4 to bit: 1
 Conversion method: 1:1

STER-ĚK

Wychylenie steru kierunku

Parameter type.....: SINGLE
 Unit.....:
 Value format.....: total digit.....: 4
 digits after decimal.....: 0
 Graphic layout format: zero.....: 10

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

real value for one range.: 5.0000

Frequency.....: 4 Hz

Type of dispersal....: Regular

Raw data is recorded in each subframe in:

word: 11 from bit: 12 to bit: 3

word: 27 from bit: 12 to bit: 3

word: 43 from bit: 12 to bit: 3

word: 59 from bit: 12 to bit: 3

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 42 VAL = 21.5

RAW = 142 VAL = 16

RAW = 225 VAL = 12

RAW = 310 VAL = 8

RAW = 406 VAL = 4

RAW = 506 VAL = 0

RAW = 599 VAL = -4

RAW = 710 VAL = -8

RAW = 826 VAL = -12

RAW = 986 VAL = -16

STER-ëL Wychylenie loteki prawej

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 4

digits after decimal.....: 0

Graphic layout format: zero.....: 15

real value for one range.: 5.0000

Frequency.....: 4 Hz

Type of dispersal....: Regular

Raw data is recorded in each subframe in:

word: 12 from bit: 12 to bit: 3

word: 28 from bit: 12 to bit: 3

word: 44 from bit: 12 to bit: 3

word: 60 from bit: 12 to bit: 3

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 40 VAL = -23.5

RAW = 163 VAL = -16

RAW = 245 VAL = -12

RAW = 335 VAL = -8

RAW = 428 VAL = -4

RAW = 520 VAL = 0

RAW = 621 VAL = 4

RAW = 728 VAL = 8

RAW = 857 VAL = 12


RAW = 966 VAL = 15.5

STER-ëW Wychylenie steru wysokosci

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 4

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)


digits after decimal.....: 0
 Graphic layout format: zero.....: 13
 real value for one range.: 5.0000
 Frequency.....: 4 Hz
 Type of dispersal....: Regular
 Raw data is recorded in each subframe in:
 word: 13 from bit: 12 to bit: 3
 word: 29 from bit: 12 to bit: 3
 word: 45 from bit: 12 to bit: 3
 word: 61 from bit: 12 to bit: 3
 Raw data type.....: signed.
 Number of cut bits: 2
 Conversion method: interpolation of the following points:
 RAW = 56 VAL = 17
 RAW = 202 VAL = 10
 RAW = 310 VAL = 5
 RAW = 410 VAL = 0
 RAW = 513 VAL = -5
 RAW = 610 VAL = -10
 RAW = 709 VAL = -15
 RAW = 807 VAL = -20
 RAW = 903 VAL = -25
 RAW = 970 VAL = -28.5

SUPER#1 Licznik superramek 1

Parameter type.....: SINGLE
 Unit.....:
 Value format.....: total digit.....: 4
 digits after decimal.....: 0
 Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
 This parameter is treated as standard with mnemonic @SUP01
 Frequency.....: 1/4 Hz
 Type of dispersal....: Bit combined
 Raw data is recorded in each frame in:
 subframe: 1 word: 33 bit: 5
 subframe: 1 word: 33 bit: 6
 subframe: 1 word: 33 bit: 11
 subframe: 1 word: 33 bit: 12
 Raw data type.....: signed.
 Conversion method: 1:1

SUPER#2 Licznik superramek 2

Parameter type.....: SINGLE
 Unit.....:
 Value format.....: total digit.....: 4
 digits after decimal.....: 0
 Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
 This parameter is treated as standard with mnemonic @SUP02
 Frequency.....: 1/4 Hz
 Type of dispersal....: Bit combined


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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

Raw data is recorded in each frame in:

subframe: 2 word: 33 bit: 5
 subframe: 2 word: 33 bit: 6
 subframe: 2 word: 33 bit: 11
 subframe: 2 word: 33 bit: 12

Raw data type.....: signed.

Conversion method: 1:1

SUPER#3 Licznik superramek 3

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 4
 digits after decimal.....: 0

Graphic layout format: zero.....: 0
 real value for one range.: 0.0000

This parameter is treated as standard with mnemonic @SUP03

Frequency.....: 1/4 Hz

Type of dispersal....: Bit combined

Raw data is recorded in each frame in:

subframe: 3 word: 33 bit: 5
 subframe: 3 word: 33 bit: 6
 subframe: 3 word: 33 bit: 11
 subframe: 3 word: 33 bit: 12

Raw data type.....: signed.

Conversion method: 1:1

SUPER#4 Licznik superramek 4

Parameter type.....: SINGLE

Unit.....:

Value format.....: total digit.....: 4
 digits after decimal.....: 0

Graphic layout format: zero.....: 0
 real value for one range.: 0.0000

This parameter is treated as standard with mnemonic @SUP04

Frequency.....: 1/4 Hz

Type of dispersal....: Bit combined

Raw data is recorded in each frame in:

subframe: 4 word: 33 bit: 5
 subframe: 4 word: 33 bit: 6
 subframe: 4 word: 33 bit: 11
 subframe: 4 word: 33 bit: 12

Raw data type.....: signed.

Conversion method: 1:1


V115/400HZ Napiecie zasilajace 115V/400Hz

Parameter type.....: SINGLE

Unit.....: V

Value format.....: total digit.....: 4
 digits after decimal.....: 0

Graphic layout format: zero.....: 0

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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

real value for one range.: 10.0000

Frequency.....: 1 Hz

Type of dispersal....: Regular

Raw data is recorded in each frame in:

subframe : 1 word: 48 from bit: 12 to bit: 3

subframe : 2 word: 48 from bit: 12 to bit: 3

subframe : 3 word: 48 from bit: 12 to bit: 3

subframe : 4 word: 48 from bit: 12 to bit: 3

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 0 VAL = 0

RAW = 904 VAL = 113.7

V27/STALE

Napiecie zasilajace 27Volt

Parameter type.....: SINGLE

Unit.....: V

Value format.....: total digit.....: 4

digits after decimal.....: 2

Graphic layout format: zero.....: 0

real value for one range.: 5.0000

Frequency.....: 1 Hz

Type of dispersal....: Regular

Raw data is recorded in each frame in:

subframe : 1 word: 41 from bit: 12 to bit: 3

subframe : 2 word: 41 from bit: 12 to bit: 3

subframe : 3 word: 41 from bit: 12 to bit: 3

subframe : 4 word: 41 from bit: 12 to bit: 3

Raw data type.....: signed.

Number of cut bits: 2

Conversion method: interpolation of the following points:

RAW = 0 VAL = 0

RAW = 768 VAL = 25

V36400HZ

Napiecie 36V/400Hz

Parameter type.....: SINGLE

Unit.....: V

Value format.....: total digit.....: 4

digits after decimal.....: 0

Graphic layout format: zero.....: 0

real value for one range.: 3.0000

Frequency.....: 1 Hz

Type of dispersal....: Regular

Raw data is recorded in each frame in:

subframe : 1 word: 57 from bit: 12 to bit: 3

subframe : 2 word: 57 from bit: 12 to bit: 3

subframe : 3 word: 57 from bit: 12 to bit: 3


subframe : 4 word: 57 from bit: 12 to bit: 3

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 0 VAL = 0

RAW = 893 VAL = 38.5

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2008-04-10

2008-04-09 10:41

Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

VOPD

Virtual parameter

Unit.....:

Value format.....: total digit.....: 6
digits after decimal.....: 2Graphic layout format: zero.....: 0
real value for one range.: 10.0000

Rule applied:

("H-RAD" > 0 ? "H-RAD"-PREVV(CHAN("H-RAD"),1):"H-BAR"-PREVV(CHAN("H-BAR"),1))

VPP

Predkosc samolotu przyrzadowa

Parameter type.....: SINGLE

Unit.....: km/h

Value format.....: total digit.....: 4
digits after decimal.....: 0Graphic layout format: zero.....: 0
real value for one range.: 20.0000

This parameter is treated as standard with mnemonic @SPEED

Frequency.....: 2 Hz

Type of dispersal.....: Regular

Raw data is recorded in each subframe in:

word: 23 from bit: 12 to bit: 3

word: 55 from bit: 12 to bit: 3

Raw data type.....: signed.

Conversion method: interpolation of the following points:

RAW = 22	VAL = 0
RAW = 121	VAL = 100
RAW = 229	VAL = 150
RAW = 336	VAL = 200
RAW = 443	VAL = 250
RAW = 551	VAL = 300
RAW = 657	VAL = 350
RAW = 762	VAL = 400
RAW = 864	VAL = 450
RAW = 974	VAL = 500

VSRE

Virtual parameter

Unit.....:


Value format.....: total digit.....: 4
digits after decimal.....: 0Graphic layout format: zero.....: 0
real value for one range.: 0.0000

Rule applied:

(PREVV(CHAN("H-BAR"),3)+PREVV(CHAN("H-BAR"),2)+PREVV(CHAN("H-BAR"),1)+"H-BAR")/4

XREZERWA

Kanal rezerwowy



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Description of ARINC-717 LFL parameters

Group: N28

Analog parameter (cont.)

Parameter type.....: SINGLE
Unit.....:
Value format.....: total digit.....: 4
 digits after decimal.....: 0
Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
Frequency.....: 1 Hz
Type of dispersal....: Regular
Raw data is recorded in each frame in:
 subframe : 1 word: 64 from bit: 12 to bit: 1
 subframe : 2 word: 64 from bit: 12 to bit: 1
 subframe : 3 word: 64 from bit: 12 to bit: 1
 subframe : 4 word: 64 from bit: 12 to bit: 1
Raw data type.....: signed.
Conversion method: 1:1

XREZERWA4 Kanal rezerwowy

Parameter type.....: SINGLE
Unit.....: psi
Value format.....: total digit.....: 4
 digits after decimal.....: 0
Graphic layout format: zero.....: 0
 real value for one range.: 0.0000
Frequency.....: 1 Hz
Type of dispersal....: Regular
Raw data is recorded in each frame in:
 subframe : 1 word: 25 from bit: 12 to bit: 3
 subframe : 2 word: 25 from bit: 12 to bit: 3
 subframe : 3 word: 25 from bit: 12 to bit: 3
 subframe : 4 word: 25 from bit: 12 to bit: 3
Raw data type.....: signed.
Conversion method: 1:1

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameters

CIS-OL-L Min. cis. oleju na wejsciu silnika L

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 29 bit: 1
 subframe: 2 word: 29 bit: 1
 subframe: 3 word: 29 bit: 1
 subframe: 4 word: 29 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

CIS-OL-P Min. cis. oleju na wejsciu silnika P

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 10 bit: 1
 subframe: 2 word: 10 bit: 1
 subframe: 3 word: 10 bit: 1
 subframe: 4 word: 10 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

GOT-CHOR-L Gotowosc autom. prost. smigla w chorag.L

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 18 bit: 1
 subframe: 2 word: 18 bit: 1
 subframe: 3 word: 18 bit: 1
 subframe: 4 word: 18 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

GOT-CHOR-P Gotowosc autom. prost. smigla w chorag P

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 17 bit: 1
 subframe: 2 word: 17 bit: 1
 subframe: 3 word: 17 bit: 1
 subframe: 4 word: 17 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

HORYZ Uzgodnienie sztucznego horyzontu

Frequency.....: 1 Hz

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameter (cont.)

Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 6 bit: 1

subframe: 2 word: 6 bit: 1

subframe: 3 word: 6 bit: 1

subframe: 4 word: 6 bit: 1

Active state: Non-Zero

Active: 1 in-active: 0

OBLO

Sygnal oblodzenia

Frequency.....: 1 Hz

Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 11 bit: 1

subframe: 2 word: 11 bit: 1

subframe: 3 word: 11 bit: 1

subframe: 4 word: 11 bit: 1

Active state: Non-Zero

Active: 1 in-active: 0

OBLO-L

ON polozenie kurka ins. P.oblodz L sil.

Frequency.....: 1 Hz

Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 13 bit: 1

subframe: 2 word: 13 bit: 1

subframe: 3 word: 13 bit: 1

subframe: 4 word: 13 bit: 1

Active state: Non-Zero

Active: 1 in-active: 0

OBLO-P

ON polozenie kurka ins. P.oblodz P sil.

Frequency.....: 1 Hz

Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 14 bit: 1

subframe: 2 word: 14 bit: 1

subframe: 3 word: 14 bit: 1

subframe: 4 word: 14 bit: 1

Active state: Non-Zero

Active: 1 in-active: 0

OBLO-PIL

Wlaczanie inst. P.oblodz przez pilota

Frequency.....: 1 Hz


Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 12 bit: 1

subframe: 2 word: 12 bit: 1

subframe: 3 word: 12 bit: 1

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameter (cont.)

subframe: 4 word: 12 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

ODL-GEN-1 Sygnal odlaczenia generatora nr. 1

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 34 bit: 1
 subframe: 2 word: 34 bit: 1
 subframe: 3 word: 34 bit: 1
 subframe: 4 word: 34 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

ODL-GEN-2 Sygnal odlaczenia generatora nr. 2

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 38 bit: 1
 subframe: 2 word: 38 bit: 1
 subframe: 3 word: 38 bit: 1
 subframe: 4 word: 38 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

OPOR-L Zdjecie oporu smigla lewego silnika

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 21 bit: 1
 subframe: 2 word: 21 bit: 1
 subframe: 3 word: 21 bit: 1
 subframe: 4 word: 21 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

OPOR-P Zdjecie oporu smigla prawego silnika

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 22 bit: 1
 subframe: 2 word: 22 bit: 1
 subframe: 3 word: 22 bit: 1
 subframe: 4 word: 22 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameter (cont.)

POZAR-SIL Sygnal pozzaru L.i P. Siln.

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 27 bit: 1
 subframe: 2 word: 27 bit: 1
 subframe: 3 word: 27 bit: 1
 subframe: 4 word: 27 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

RADIO Wyjscie na zewnetrzne lacznosc radiowa

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 32 bit: 1
 subframe: 2 word: 32 bit: 1
 subframe: 3 word: 32 bit: 1
 subframe: 4 word: 32 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

RADIOLATAR Przejscie nad radiolatarnia

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 62 bit: 1
 subframe: 2 word: 62 bit: 1
 subframe: 3 word: 62 bit: 1
 subframe: 4 word: 62 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

REC-CHOR-L Reczne przestawienie smigla w chorag. L

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 25 bit: 1
 subframe: 2 word: 25 bit: 1
 subframe: 3 word: 25 bit: 1
 subframe: 4 word: 25 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

REC-CHOR-P Reczne przestawienie smigla w chorag. P

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 26 bit: 1

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameter (cont.)

subframe: 2 word: 26 bit: 1
 subframe: 3 word: 26 bit: 1
 subframe: 4 word: 26 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

REZER-PAL Rezerwowa reszta paliwa w samolocie

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 28 bit: 1
 subframe: 2 word: 28 bit: 1
 subframe: 3 word: 28 bit: 1
 subframe: 4 word: 28 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

SPRAW-AG Sprawność AG

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 2 bit: 1
 subframe: 2 word: 2 bit: 1
 subframe: 3 word: 2 bit: 1
 subframe: 4 word: 2 bit: 1
 Active state: Non-Zero
 Active: B in-active: N

USZKODZ-L Uszkodzenie lewego silnika

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 23 bit: 1
 subframe: 2 word: 23 bit: 1
 subframe: 3 word: 23 bit: 1
 subframe: 4 word: 23 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

USZKODZ-P Uszkodzenie prawego silnika

Frequency.....: 1 Hz
 Parameter is regular
 Raw data is recorded in each frame in:
 subframe: 1 word: 24 bit: 1
 subframe: 2 word: 24 bit: 1
 subframe: 3 word: 24 bit: 1
 subframe: 4 word: 24 bit: 1
 Active state: Non-Zero
 Active: 1 in-active: 0

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Description of ARINC-717 LFL parameters

Group: N28

Discrete parameter (cont.)

WYP-SPOJL Sygnal do wypuszczenia spojlerow

Frequency.....: 1 Hz

Parameter is regular

Raw data is recorded in each frame in:

subframe: 1 word: 30 bit: 1


subframe: 2 word: 30 bit: 1

subframe: 3 word: 30 bit: 1

subframe: 4 word: 30 bit: 1

Active state: Non-Zero

Active: 1 in-active: 0

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