

WYNIKI CIĄGLYCH POMIARÓW HAŁASU W ŚRODOWISKU
DLA PORTU LOTNICZEGO IM. F. CHOPINA W WARSZAWIE

Nazwa obiektu: Punkt pomiarowy nr 6 „17 Stycznia”

Data wykonania pomiaru:

początek: 01.09.2006

koniec: 30.09.2006

Lokalizacja punktu pomiarowego: Warszawa, ul. 17 Stycznia 40

Układ współrzędnych: WGS 84

Szerokość geograficzna: N 52° 10' 54,7”

Długość geograficzna: E 20° 58' 26,8”

Względna wysokość punktu pomiarowego [m]: 15

Szkic sytuacyjny:



Metoda badań:

Metoda ciągłych lub okresowych pomiarów monitoringowych: metodyka referencyjna, określona

w załączniku nr 1 do rozporządzenia Ministra Środowiska z dnia 23.01.2003 w sprawie prowadzenia pomiarów poziomów w środowisku substancji lub energii przez zarządzającego drogą, linią kolejową, linią tramwajową, lotniskiem, portem.

Metody obliczeniowe:

Aparatura pomiarowa:

Analizator poziomu dźwięku (producent; nr typu): Larson Davis; LD 870

Mikrofon/sonda mikrofonowa (producent; nr typu): Brüel & Kjær; 4184

Obecnie stosowane przyrządy pomiarowe nie posiadają świadectwa legalizacji, do czasu uzyskania wymaganych świadectw, zgodnie z zaleceniami GUM przyrządy są okresowo wzorcowane.

Wzorzec akustyczny (producent; nr typu) Brüel & Kjær; 4228.

Oznaczenia:

D- oznacza operację startu samolotu

A- oznacza operację lądowania samolotu

Pora dnia

Data	Samolot	Operacja*	L_{Aeq}	L_{Amax}	L_{AE}
09-01-2006	MD82	D	69.8	71.0	83.0
09-01-2006	A320	D	69.3	70.5	79.5
09-01-2006	A320	A	69.8	72.0	80.5
09-01-2006	LJ60	D	68.7	70.2	80.7
09-01-2006	MI8	D	69.7	71.2	80.6
09-01-2006	DH8D	A	70.3	71.9	82.0
09-01-2006	AT72	A	70.3	71.7	83.2
09-01-2006	AN28	D	69.8	71.3	80.5
09-01-2006	E170	A	69.6	73.1	81.2
09-01-2006	A320	A	76.7	82.4	91.1
09-01-2006	B735	D	71.1	74.3	82.7
09-01-2006	B734	D	70.8	72.0	85.4
09-01-2006	A320	D	68.8	70.2	81.8
09-01-2006	C25A	A	69.6	70.3	80.6
09-01-2006	B763	D	71.5	73.1	85.1
09-01-2006	B735	D	70.0	71.5	87.7
09-01-2006	FA50	A	69.5	70.5	81.1
09-01-2006	E170	D	70.7	73.2	81.9
09-01-2006	AT45	D	69.4	71.6	82.3
09-01-2006	PA34	A	69.9	71.0	80.3
09-01-2006	B763	D	70.3	73.5	83.5
09-01-2006	AT45	D	69.8	71.0	80.4
09-01-2006	MI8	D	69.9	71.7	83.2
09-01-2006	B738	D	69.2	70.6	79.4
09-01-2006	W3	D	78.4	88.9	96.2
09-01-2006	W3	D	70.0	72.5	86.4
09-01-2006	W3	D	69.4	70.3	80.1
09-01-2006	PA46	D	69.1	70.8	80.7
09-01-2006	E145	D	77.4	85.5	93.1
09-01-2006	CRJ2	D	70.1	73.7	83.7
09-01-2006	JS32	D	71.3	73.1	87.3
09-01-2006	W3	A	70.4	74.2	83.3
09-01-2006	W3	A	69.7	71.4	84.5
09-01-2006	W3	A	72.9	76.2	90.1
09-01-2006	AT72	D	69.7	70.6	82.8
09-01-2006	C295	D	69.6	70.4	80.5
09-01-2006	C295	D	72.6	75.7	84.3
09-01-2006	AT45	D	70.3	72.0	80.8
09-01-2006	B763	D	71.3	74.8	84.7
09-01-2006	MI8	A	73.0	78.3	89.6
09-01-2006	JS32	D	70.6	71.4	82.1
09-01-2006	LJ60	D	73.5	76.9	83.9
09-02-2006	MD82	D	70.0	72.4	82.0
09-02-2006	E145	D	70.7	72.1	81.5
09-02-2006	B763	D	71.4	73.6	85.5
09-02-2006	B763	D	70.0	71.2	80.4

09-02-2006	B735	D	78.8	86.0	94.4
09-02-2006	B763	D	70.4	72.6	82.3
09-03-2006	AT72	A	70.5	72.0	83.6
09-03-2006	A320	D	69.7	71.4	79.9
09-03-2006	B733	D	71.3	75.6	87.9
09-03-2006	MD82	D	71.5	74.2	86.9
09-03-2006	B734	D	72.1	76.6	85.9
09-03-2006	DC95	D	80.0	86.7	96.8
09-03-2006	T154	A	76.9	80.6	92.8
09-03-2006	YK40	A	70.4	72.2	83.0
09-03-2006	B734	D	70.9	74.0	83.4
09-03-2006	B763	D	69.9	71.4	80.3
09-03-2006	E170	D	71.4	74.3	89.8
09-03-2006	B763	D	71.6	74.0	82.4
09-03-2006	B762	D	71.2	74.4	85.1
09-03-2006	B762	D	71.4	74.6	83.8
09-03-2006	B763	D	71.2	74.8	84.1
09-03-2006	MD82	D	70.4	72.7	80.6
09-04-2006	E170	D	69.7	71.1	79.9
09-04-2006	MD82	D	69.9	71.3	81.7
09-04-2006	E170	D	69.3	71.2	81.1
09-04-2006	B733	A	71.5	75.7	85.4
09-04-2006	MD82	D	70.2	72.2	83.4
09-04-2006	CRJ2	D	69.0	70.2	79.5
09-04-2006	F70	D	69.2	70.2	80.7
09-04-2006	F70	D	69.1	70.2	80.8
09-04-2006	BE40	A	69.7	70.7	83.2
09-04-2006	MD87	A	69.9	72.2	80.0
09-04-2006	E145	A	70.8	73.6	81.3
09-04-2006	MD87	D	70.8	72.4	81.3
09-04-2006	MD87	D	72.3	77.7	86.8
09-04-2006	AT72	D	71.1	75.6	85.7
09-04-2006	B735	D	68.9	70.1	81.9
09-04-2006	E170	D	71.1	74.3	81.9
09-04-2006	E170	D	69.6	71.5	81.3
09-04-2006	E170	A	70.1	71.7	80.6
09-04-2006	E170	D	70.0	70.9	81.7
09-04-2006	BE40	A	70.1	71.0	83.6
09-04-2006	B737	D	69.5	70.9	81.2
09-04-2006	MD82	A	71.2	73.1	81.3
09-04-2006	A320	D	70.7	74.8	85.1
09-04-2006	E170	A	70.4	71.8	81.5
09-04-2006	E170	A	70.5	74.4	84.0
09-04-2006	AN30	A	74.5	76.7	84.9
09-04-2006	YK40	A	71.3	74.2	88.0
09-04-2006	TBM7	A	69.7	70.7	80.1
09-04-2006	B735	A	69.8	71.1	81.2
09-04-2006	AT45	A	71.1	75.1	83.8
09-04-2006	CL60	D	71.2	74.8	82.1
09-04-2006	RJ85	A	73.7	79.3	86.4
09-04-2006	B752	A	70.7	72.1	82.9
09-04-2006	A319	D	70.8	72.1	82.1
09-04-2006	AT72	D	70.3	71.7	80.9
09-04-2006	B734	D	70.8	73.3	83.4
09-04-2006	BE40	D	70.4	72.1	80.9
09-04-2006	F70	A	71.1	74.0	82.0
09-04-2006	B733	D	69.0	70.0	79.4
09-04-2006	AT72	D	69.4	70.7	81.0
09-04-2006	E170	D	71.0	77.2	83.3
09-04-2006	AT45	D	69.5	71.0	82.7

09-04-2006	DH8D	A	71.1	74.5	83.9
09-04-2006	B735	D	69.1	70.6	79.3
09-04-2006	MI8	A	69.8	71.3	81.7
09-04-2006	AT72	A	70.3	72.0	80.3
09-04-2006	B734	D	70.5	74.8	85.6
09-04-2006	AT72	D	69.7	71.4	79.8
09-04-2006	AT72	D	69.9	73.6	82.7
09-04-2006	F50	D	70.0	71.3	81.7
09-04-2006	F50	D	71.0	73.3	81.1
09-04-2006	T154	D	69.7	72.1	82.0
09-04-2006	JS32	D	76.3	80.7	88.5
09-04-2006	F900	D	73.1	77.5	87.6
09-04-2006	MD82	D	70.5	72.9	85.8
09-04-2006	AT72	D	72.2	76.2	82.3
09-04-2006	E170	A	69.0	70.0	81.6
09-04-2006	SF34	A	77.0	81.4	89.4
09-05-2006	E170	D	70.2	72.7	84.7
09-05-2006	SF34	D	70.2	72.4	81.5
09-05-2006	SF34	D	69.5	70.8	81.4
09-05-2006	B733	D	70.9	72.5	86.0
09-05-2006	AT72	D	70.3	72.5	86.5
09-05-2006	JS32	D	69.2	70.4	79.6
09-05-2006	AT72	D	70.3	72.2	82.0
09-05-2006	AT72	D	70.4	72.1	80.8
09-05-2006	RJ85	A	72.6	80.3	87.8
09-05-2006	E145	D	69.4	71.1	80.8
09-05-2006	E170	D	68.8	70.1	79.3
09-05-2006	E170	D	70.5	75.3	83.8
09-05-2006	AT72	D	70.9	73.4	82.5
09-05-2006	MI8	D	69.7	71.3	82.1
09-05-2006	MI8	D	69.5	71.1	82.7
09-05-2006	SF34	D	69.3	70.9	81.8
09-05-2006	T154	A	69.8	71.8	82.8
09-05-2006	C550	A	70.5	72.5	83.4
09-05-2006	AN28	D	70.8	73.4	83.9
09-05-2006	T154	D	70.4	73.6	87.4
09-05-2006	E170	A	70.6	72.7	81.6
09-05-2006	AT72	D	70.3	71.3	81.7
09-05-2006	B737	D	70.1	72.8	83.1
09-05-2006	B735	D	70.3	72.1	83.1
09-05-2006	W3	A	71.3	75.4	83.2
09-05-2006	W3	A	70.9	73.1	81.8
09-05-2006	E170	D	69.9	71.8	81.2
09-05-2006	DH8D	D	69.7	71.0	82.1
09-05-2006	T154	D	70.3	71.9	84.7
09-05-2006	AT45	D	69.5	70.6	80.8
09-05-2006	B735	A	70.6	73.1	83.6
09-05-2006	B734	D	70.0	71.5	80.1
09-05-2006	A319	D	75.1	82.4	90.2
09-05-2006	A319	D	83.3	91.1	97.4
09-05-2006	E170	D	69.1	70.4	80.7
09-05-2006	MD82	A	69.5	70.2	84.1
09-05-2006	E145	D	69.5	71.1	81.5
09-05-2006	A306	D	69.3	70.7	81.5
09-05-2006	JS32	D	70.6	73.0	88.0
09-05-2006	A320	A	69.9	71.5	85.0
09-05-2006	AN26	D	74.2	79.4	89.1
09-05-2006	B735	D	69.8	71.5	81.1
09-05-2006	MD82	D	69.6	71.2	79.9
09-05-2006	MD82	D	70.4	73.3	84.8

09-05-2006	MD82	D	71.7	75.4	85.3
09-05-2006	MD82	D	71.8	79.7	88.7
09-05-2006	MD82	D	72.9	77.4	85.7
09-05-2006	AT72	A	69.9	71.0	82.8
09-05-2006	B735	D	72.1	75.2	82.5
09-05-2006	B734	D	70.9	74.7	85.0
09-05-2006	B734	D	71.2	73.0	85.1
09-05-2006	RJ85	D	70.0	71.7	81.5
09-05-2006	brak danych	A	70.8	75.9	86.6
09-05-2006	brak danych	A	74.7	80.9	90.5
09-05-2006	AT72	D	69.9	71.3	82.6
09-05-2006	AT72	D	70.2	72.6	82.1
09-05-2006	AT45	A	70.3	71.9	82.3
09-05-2006	YK40	A	70.4	72.5	85.3
09-05-2006	AT45	D	70.4	72.8	82.2
09-05-2006	C25A	A	70.0	72.0	80.4
09-05-2006	C25A	A	70.3	74.1	82.0
09-05-2006	B763	D	73.6	81.8	91.7
09-05-2006	E145	D	70.8	73.4	83.4
09-05-2006	A320	D	70.9	76.1	83.4
09-05-2006	A320	D	72.6	75.6	85.7
09-05-2006	E170	A	69.9	72.1	83.4
09-05-2006	E170	D	71.1	72.6	81.8
09-05-2006	E170	A	70.7	73.6	84.3
09-05-2006	E170	A	73.4	79.2	89.3
09-05-2006	E170	D	71.9	78.2	88.4
09-05-2006	AT45	D	79.4	84.9	93.9
09-05-2006	B735	A	71.5	76.1	85.0
09-05-2006	B735	A	69.4	72.6	83.5
09-05-2006	AT72	D	70.3	72.6	81.5
09-05-2006	E170	A	70.3	74.7	85.3
09-05-2006	JS32	A	70.2	72.4	84.0
09-05-2006	JS32	D	72.4	79.5	91.9
09-05-2006	AN26	D	71.2	75.6	82.1
09-05-2006	AN26	D	70.7	75.7	82.4
09-05-2006	E145	A	70.6	72.3	81.0
09-05-2006	RJ85	A	69.7	72.8	83.5
09-05-2006	E145	D	70.1	71.9	82.7
09-05-2006	MD82	A	71.9	75.2	84.6
09-05-2006	AT72	D	72.5	76.8	86.1
09-05-2006	B734	D	69.6	71.4	79.9
09-05-2006	E170	D	75.3	84.2	87.3
09-05-2006	E170	D	70.5	74.5	83.5
09-05-2006	C208	D	72.0	76.0	82.3
09-05-2006	B763	D	72.5	74.5	82.9
09-05-2006	MD82	D	70.2	75.2	83.4
09-05-2006	BE40	D	69.9	72.2	83.5
09-05-2006	T154	A	71.8	74.6	82.1
09-06-2006	W3	D	70.4	73.2	82.8
09-06-2006	MD82	D	70.4	72.1	82.2
09-06-2006	B427	A	71.5	75.4	84.6
09-06-2006	B427	A	70.2	71.5	82.4
09-06-2006	B427	A	70.4	71.5	81.9
09-06-2006	B427	A	74.6	80.4	89.0
09-06-2006	SF34	D	70.7	73.9	84.8
09-06-2006	E170	D	69.2	70.3	80.6
09-06-2006	AT72	D	72.1	76.8	82.3
09-06-2006	AN26	A	71.3	72.8	82.3
09-06-2006	AN26	A	69.3	72.6	81.5
09-06-2006	JS32	D	71.0	74.2	89.1

09-06-2006	B427	D	70.7	77.3	83.1
09-06-2006	DH8D	A	74.4	79.4	86.2
09-06-2006	CRJ2	D	69.8	70.6	80.4
09-06-2006	AT45	A	69.8	71.2	80.2
09-06-2006	AN30	D	70.0	71.5	80.8
09-06-2006	B737	D	69.4	71.0	80.8
09-06-2006	JS32	D	70.6	72.6	83.0
09-06-2006	AT45	A	71.0	72.2	82.0
09-06-2006	RJ85	D	70.2	71.8	80.6
09-06-2006	E145	D	69.7	70.5	81.6
09-06-2006	B734	D	69.7	71.1	80.5
09-06-2006	AT45	A	73.9	77.1	84.8
09-06-2006	MD82	D	69.5	70.7	81.9
09-06-2006	AT45	D	73.1	80.4	85.1
09-06-2006	B733	D	70.0	71.1	81.0
09-06-2006	E170	A	69.2	70.6	81.4
09-06-2006	AT72	A	71.8	74.5	84.3
09-06-2006	RJ1H	D	79.4	85.9	95.6
09-06-2006	MI8	A	80.3	84.9	95.1
09-06-2006	MI8	A	78.0	83.0	93.4
09-07-2006	E170	D	72.4	78.1	89.8
09-07-2006	E170	D	70.2	71.3	80.9
09-07-2006	B733	D	70.5	71.7	81.2
09-07-2006	SF34	D	71.3	73.8	82.6
09-07-2006	MD82	D	70.6	75.7	85.0
09-07-2006	A320	D	69.0	70.5	82.2
09-07-2006	E170	D	69.1	70.5	79.9
09-07-2006	AT72	D	69.7	70.7	80.6
09-07-2006	RJ85	D	69.1	70.2	80.2
09-07-2006	B736	D	70.9	72.4	81.8
09-07-2006	AN28	A	69.9	71.3	81.2
09-07-2006	AN28	A	69.9	70.9	80.1
09-07-2006	AN28	A	69.7	71.5	80.3
09-07-2006	RJ1H	D	71.1	73.1	83.4
09-07-2006	AT72	A	69.5	70.9	80.2
09-07-2006	E170	D	70.1	72.9	81.7
09-07-2006	AT72	A	69.5	71.1	80.6
09-07-2006	B733	D	69.9	71.5	81.4
09-07-2006	AT72	D	69.5	71.7	82.6
09-07-2006	E170	D	70.1	71.0	81.1
09-07-2006	AT45	A	70.0	71.0	80.1
09-07-2006	E170	A	70.0	70.9	81.1
09-07-2006	W3	A	71.6	74.4	82.1
09-07-2006	B734	A	69.1	70.2	79.7
09-07-2006	B752	D	69.2	71.1	81.2
09-07-2006	T154	D	70.0	71.4	80.9
09-07-2006	B734	A	72.5	74.5	82.8
09-07-2006	B735	A	70.2	72.1	80.3
09-08-2006	B734	D	69.7	72.3	81.1
09-08-2006	E170	A	69.2	70.5	79.6
09-08-2006	C295	D	70.1	72.8	82.8
09-08-2006	E145	D	69.6	70.5	81.4
09-08-2006	B733	D	70.3	71.7	81.2
09-08-2006	B734	D	69.3	70.3	83.3
09-08-2006	MD82	D	69.9	72.1	81.2
09-08-2006	AT72	D	69.7	70.5	81.9
09-08-2006	JS32	A	70.5	71.5	80.6
09-08-2006	E145	D	70.0	71.5	83.1
09-08-2006	RJ1H	A	69.2	70.3	79.2
09-08-2006	T154	D	70.2	72.3	80.6

09-08-2006	AT72	D	69.7	71.2	81.4
09-08-2006	AT72	D	70.5	72.0	81.4
09-08-2006	FA50	D	72.6	79.3	87.9
09-08-2006	A320	D	70.6	72.5	81.8
09-08-2006	A320	A	70.2	71.6	84.7
09-08-2006	A319	D	69.4	70.2	79.6
09-08-2006	RJ85	D	70.9	72.6	84.9
09-08-2006	E170	D	70.1	71.8	83.8
09-08-2006	A320	A	70.1	72.2	80.5
09-08-2006	AT72	A	69.8	70.9	79.9
09-08-2006	E170	A	69.7	71.1	80.5
09-08-2006	E170	D	70.1	71.7	81.3
09-08-2006	AT72	D	69.5	70.6	80.9
09-08-2006	A319	A	68.8	70.6	81.5
09-08-2006	B733	A	72.2	78.4	85.9
09-08-2006	JS32	D	69.4	70.2	81.4
09-08-2006	AN28	A	70.2	72.2	80.7
09-08-2006	CL60	A	70.4	72.5	80.8
09-08-2006	A320	D	70.4	72.3	83.7
09-08-2006	A319	A	70.5	71.4	81.5
09-08-2006	MD82	D	69.7	70.5	81.1
09-08-2006	C172	A	69.7	70.9	80.1
09-08-2006	C172	A	69.7	71.1	82.5
09-08-2006	LJ55	A	69.4	72.0	82.5
09-08-2006	DC93	D	71.0	73.3	86.6
09-08-2006	B735	A	69.6	70.8	81.0
09-08-2006	B735	D	69.9	72.5	85.4
09-08-2006	C160	A	70.7	74.0	86.6
09-08-2006	BE20	D	69.8	72.2	83.2
09-08-2006	B735	D	70.1	70.8	80.2
09-08-2006	B762	D	70.9	72.4	82.8
09-08-2006	E170	D	70.3	72.9	85.8
09-08-2006	RJ1H	D	69.9	72.3	83.9
09-08-2006	B737	D	71.6	74.3	86.0
09-08-2006	MD82	D	70.3	72.3	82.7
09-08-2006	AT72	D	74.8	79.4	86.1
09-08-2006	F70	D	69.9	71.2	80.8
09-08-2006	AT72	A	70.5	71.9	80.8
09-09-2006	MI8	D	75.4	79.8	88.1
09-09-2006	AT72	D	73.6	77.3	86.8
09-09-2006	E170	D	77.9	83.5	88.0
09-09-2006	MD82	D	70.7	72.3	82.5
09-09-2006	B737	D	71.0	73.3	81.7
09-09-2006	T154	D	70.3	72.9	81.6
09-10-2006	A319	D	70.2	71.6	82.1
09-11-2006	B733	D	70.9	72.2	84.1
09-11-2006	E170	A	69.9	71.8	83.4
09-11-2006	A320	D	70.0	71.1	81.5
09-11-2006	E170	D	70.8	72.4	83.4
09-11-2006	B733	D	69.7	71.5	81.8
09-11-2006	E170	D	69.6	71.7	82.2
09-11-2006	A320	A	69.6	70.7	80.5
09-11-2006	T154	A	70.4	71.9	83.3
09-11-2006	RJ1H	A	70.1	71.7	82.7
09-11-2006	RJ1H	D	80.9	88.9	97.6
09-12-2006	YK40	D	70.3	71.9	84.7
09-12-2006	E170	D	70.2	71.1	80.3
09-12-2006	B734	D	72.4	74.5	86.5
09-12-2006	AT72	A	69.7	71.1	80.6
09-12-2006	A320	D	70.3	72.1	82.8

09-12-2006	YK40	D	70.5	72.5	85.1
09-12-2006	B734	D	70.1	72.3	86.6
09-12-2006	B735	D	69.5	70.8	82.6
09-12-2006	SF34	D	71.2	72.1	81.3
09-12-2006	SF34	D	70.1	70.9	81.1
09-12-2006	MD82	D	72.7	76.4	88.4
09-12-2006	B733	D	70.7	72.2	83.2
09-12-2006	T154	D	72.8	76.4	88.7
09-12-2006	T154	D	81.3	87.0	94.0
09-12-2006	B734	D	69.9	72.5	81.7
09-12-2006	A320	D	69.3	70.7	80.3
09-12-2006	B734	D	70.8	73.0	84.2
09-12-2006	A319	D	69.9	70.6	80.8
09-12-2006	E170	D	69.7	70.9	83.0
09-12-2006	RJ85	D	74.7	78.7	85.3
09-12-2006	W3	D	70.7	71.9	81.7
09-12-2006	F50	A	73.0	77.9	85.2
09-12-2006	B735	D	72.0	74.1	83.2
09-12-2006	AN26	A	72.8	76.0	86.2
09-12-2006	AN26	A	70.7	73.3	89.0
09-12-2006	B734	D	70.7	72.9	82.8
09-12-2006	AT72	D	74.7	78.0	85.0
09-13-2006	B733	D	72.5	75.5	84.1
09-13-2006	B733	D	71.3	72.5	82.7
09-13-2006	B734	D	71.6	73.4	83.2
09-13-2006	B734	D	72.7	74.5	84.4
09-13-2006	B734	D	70.1	72.4	82.8
09-13-2006	A320	D	70.4	72.2	84.6
09-13-2006	B734	D	72.5	76.0	88.6
09-13-2006	MD82	D	73.6	77.1	87.4
09-13-2006	MI8	D	70.1	72.8	85.4
09-13-2006	B735	D	70.3	71.7	83.7
09-13-2006	B734	D	71.2	73.0	82.2
09-13-2006	E170	D	69.9	71.1	81.7
09-13-2006	A320	D	70.6	73.1	88.4
09-13-2006	C295	D	70.0	71.2	81.9
09-13-2006	DHC6	D	71.0	72.8	81.3
09-13-2006	B735	D	70.9	72.3	81.8
09-13-2006	brak danych	A	69.4	74.3	81.0
09-13-2006	CRJ2	A	70.7	72.4	81.3
09-13-2006	CL60	D	69.5	71.1	79.6
09-13-2006	AT72	A	74.1	79.6	86.1
09-13-2006	A319	D	70.7	72.2	82.6
09-13-2006	B733	D	70.7	71.7	82.5
09-13-2006	B733	D	76.2	82.2	90.5
09-13-2006	MD81	D	72.1	74.2	84.0
09-13-2006	MD83	D	74.8	78.0	88.1
09-13-2006	B733	D	75.0	81.6	89.4
09-14-2006	B752	D	70.4	72.2	85.9
09-14-2006	B734	D	71.2	72.7	85.1
09-14-2006	B734	D	70.6	72.4	86.2
09-14-2006	B734	D	71.0	73.1	84.8
09-14-2006	A320	D	70.1	71.9	85.0
09-14-2006	E170	D	70.0	71.4	81.5
09-14-2006	B735	D	69.7	71.4	84.3
09-14-2006	MD82	D	73.1	77.5	88.3
09-14-2006	B733	D	69.8	70.7	83.1
09-14-2006	E170	A	69.7	70.7	80.0
09-14-2006	E170	D	70.7	73.5	82.4
09-14-2006	AN26	A	69.5	70.5	79.6

09-14-2006	AN26	A	70.2	73.5	84.0
09-14-2006	E170	D	71.9	79.7	85.2
09-14-2006	E170	D	70.1	70.9	81.6
09-14-2006	AN2	D	71.3	73.7	81.8
09-14-2006	A319	D	73.0	77.3	84.2
09-14-2006	B738	D	69.5	70.7	80.1
09-14-2006	F50	D	75.2	79.9	85.8
09-15-2006	E170	D	70.5	71.1	81.8
09-15-2006	E170	A	70.2	71.5	81.5
09-15-2006	B733	D	70.0	72.3	82.6
09-15-2006	B733	D	70.4	73.0	84.1
09-15-2006	B735	D	70.7	72.0	81.8
09-15-2006	B734	D	70.8	73.8	85.0
09-15-2006	B734	D	72.0	74.5	85.3
09-15-2006	A320	D	70.8	73.7	85.4
09-15-2006	MD82	D	71.7	74.6	87.3
09-15-2006	E170	D	69.5	70.3	82.5
09-15-2006	AT45	D	69.3	70.2	81.2
09-15-2006	AT45	D	70.1	71.1	81.4
09-15-2006	A320	A	71.0	72.8	84.3
09-15-2006	AT45	D	74.1	77.8	84.9
09-15-2006	A320	D	69.8	71.5	82.2
09-15-2006	AT72	D	71.2	73.1	82.2
09-15-2006	C402	D	71.4	77.7	82.1
09-15-2006	AT72	A	81.4	90.5	98.6
09-15-2006	E170	A	70.9	71.9	81.1
09-15-2006	brak danych	A	72.2	76.2	82.6
09-16-2006	PA34	A	83.1	88.3	99.0
09-17-2006	MD82	D	72.4	75.4	82.7
09-17-2006	AT72	D	70.7	74.6	80.9
09-17-2006	MI8	A	72.8	77.6	87.0
09-18-2006	B735	D	70.4	71.5	82.0
09-18-2006	B735	D	69.3	70.2	80.0
09-18-2006	E170	A	70.4	71.2	82.2
09-18-2006	E170	D	69.8	71.7	80.1
09-18-2006	JS32	D	69.9	72.2	85.1
09-18-2006	MI8	A	71.0	74.0	86.2
09-18-2006	MD82	D	70.0	72.8	83.0
09-18-2006	MI8	A	74.2	78.4	88.4
09-18-2006	MI8	A	74.9	78.1	88.9
09-18-2006	MI8	A	70.3	72.0	80.7
09-18-2006	MI8	A	75.7	79.1	90.1
09-18-2006	B735	D	69.8	71.6	81.2
09-18-2006	MD82	D	70.7	72.1	81.0
09-18-2006	JS32	D	75.7	81.0	89.2
09-19-2006	E170	D	69.6	71.2	82.5
09-19-2006	AT72	D	71.4	75.3	87.1
09-19-2006	MI8	A	78.5	83.6	93.4
09-19-2006	YK40	A	71.9	75.9	82.0
09-19-2006	AT72	D	69.0	70.0	79.5
09-19-2006	LJ60	D	69.9	71.1	80.7
09-19-2006	E145	D	76.3	80.3	88.1
09-19-2006	GLF4	A	70.9	75.1	81.4
09-19-2006	E170	A	69.0	71.0	80.4
09-19-2006	B735	D	69.4	70.8	80.4
09-20-2006	E170	D	70.2	71.1	82.2
09-20-2006	B735	D	69.7	70.7	80.1
09-20-2006	CRJ2	D	69.8	70.5	80.8
09-20-2006	CRJ2	D	71.4	75.2	84.1
09-20-2006	FA20	D	70.0	72.0	81.0

09-20-2006	FA20	D	69.9	71.7	81.0
09-20-2006	AN26	D	70.2	71.9	80.7
09-20-2006	E170	A	71.4	73.1	82.2
09-20-2006	E170	D	71.3	73.5	87.3
09-20-2006	E170	A	70.7	72.3	81.5
09-20-2006	E145	A	72.1	74.2	82.2
09-20-2006	E170	A	72.2	75.9	82.5
09-20-2006	brak danych	A	71.6	74.5	84.4
09-20-2006	B06	D	72.8	76.8	85.7
09-20-2006	B734	D	70.8	77.2	82.7
09-20-2006	A319	A	71.9	76.2	90.3
09-20-2006	B06	A	69.9	70.9	81.4
09-20-2006	B06	A	69.8	70.3	79.8
09-20-2006	MD82	D	73.4	74.2	88.6
09-20-2006	B06	D	70.1	71.2	83.0
09-20-2006	C208	D	70.9	72.6	81.6
09-20-2006	B733	A	71.1	72.4	82.4
09-20-2006	B752	A	70.4	73.7	81.7
09-21-2006	E170	D	70.4	72.9	85.9
09-21-2006	SF34	D	70.1	71.1	81.8
09-21-2006	E170	D	69.2	70.1	81.7
09-21-2006	M18	D	70.1	71.2	83.8
09-21-2006	JS32	A	69.7	70.4	80.6
09-21-2006	A320	D	69.7	70.8	80.9
09-21-2006	B733	D	70.7	72.0	81.8
09-21-2006	L410	D	74.1	76.6	84.8
09-21-2006	C525	A	69.4	71.2	83.0
09-21-2006	B737	A	70.2	71.5	81.3
09-21-2006	C295	A	70.8	73.4	83.1
09-21-2006	C295	A	69.9	70.8	80.3
09-21-2006	E170	D	73.1	77.1	83.9
09-21-2006	E170	A	69.8	71.5	81.4
09-21-2006	E170	D	70.1	71.2	80.9
09-21-2006	AT72	D	69.8	71.0	80.3
09-21-2006	E170	A	69.9	70.8	80.3
09-21-2006	AT72	A	71.3	73.1	82.3
09-21-2006	W3	D	76.8	80.2	88.5
09-21-2006	JS32	D	78.9	86.4	94.1
09-21-2006	A319	D	69.5	70.5	80.4
09-21-2006	B763	D	69.6	71.2	81.3
09-21-2006	E170	A	69.9	70.7	80.2
09-22-2006	B733	D	70.2	71.1	80.9
09-22-2006	B734	D	70.7	71.9	83.5
09-22-2006	AT72	A	70.0	71.8	80.7
09-22-2006	B733	D	70.0	71.8	82.0
09-22-2006	E170	A	69.3	70.2	81.3
09-22-2006	B733	D	80.7	89.9	97.7
09-22-2006	MD82	D	71.6	75.2	88.4
09-22-2006	B735	D	69.4	70.3	80.2
09-22-2006	B734	D	70.3	71.5	86.2
09-22-2006	A320	D	70.1	72.4	84.4
09-22-2006	A319	D	70.0	71.1	82.3
09-22-2006	A320	A	71.9	73.9	85.2
09-22-2006	E170	D	69.5	70.6	83.1
09-22-2006	A320	D	71.2	77.3	85.1
09-22-2006	B735	A	70.5	72.4	82.0
09-22-2006	RJ85	D	69.5	70.5	80.7
09-22-2006	YK40	A	70.4	71.7	81.7
09-22-2006	E170	A	69.4	71.1	80.0
09-22-2006	E170	A	69.1	70.8	81.1

09-22-2006	AT72	D	71.0	72.5	83.9
09-22-2006	L410	A	70.4	71.9	84.2
09-22-2006	L410	A	69.8	71.2	83.5
09-22-2006	B733	A	69.1	70.7	82.0
09-22-2006	A320	D	70.9	72.9	81.0
09-22-2006	brak danych	A	69.1	70.6	79.8
09-22-2006	brak danych	A	69.5	71.6	82.1
09-22-2006	B738	D	70.0	71.6	82.0
09-22-2006	E170	D	70.5	73.4	80.6
09-22-2006	B734	D	69.5	71.4	87.6
09-22-2006	E170	A	70.1	72.4	82.2
09-22-2006	E170	A	69.5	70.6	81.7
09-23-2006	MD82	D	71.0	73.8	84.5
09-23-2006	T154	D	71.6	75.3	85.9
09-23-2006	AT72	D	69.6	70.7	83.7
09-23-2006	YK40	D	70.2	71.4	81.3
09-23-2006	MI8	D	70.8	71.9	82.1
09-23-2006	MI8	D	69.5	72.4	82.0
09-23-2006	B427	A	72.7	75.7	85.2
09-23-2006	B427	A	70.1	71.7	82.9
09-23-2006	AT72	D	71.0	76.1	83.8
09-23-2006	B427	D	72.3	75.7	85.9
09-23-2006	B735	D	69.6	70.9	80.4
09-23-2006	B735	D	69.3	70.1	80.4
09-23-2006	MI8	A	70.2	72.5	84.0
09-24-2006	DC95	A	79.2	83.4	91.3
09-24-2006	B734	D	70.5	73.3	82.8
09-24-2006	MI8	D	70.4	71.9	80.7
09-24-2006	MI8	D	69.5	70.9	79.9
09-24-2006	B734	D	70.2	71.2	80.7
09-24-2006	B734	D	70.7	71.9	82.0
09-25-2006	B734	D	70.5	72.1	82.1
09-25-2006	B734	D	71.2	73.6	83.6
09-25-2006	E145	D	71.3	75.0	82.7
09-25-2006	B734	D	69.9	71.5	80.2
09-25-2006	B734	D	70.4	72.4	83.6
09-25-2006	A320	D	70.5	71.6	83.8
09-25-2006	B734	D	71.2	73.4	85.7
09-25-2006	MI8	D	71.3	75.2	86.7
09-25-2006	MI8	D	71.7	75.0	88.4
09-25-2006	E170	D	70.9	72.2	83.9
09-25-2006	MI8	D	72.0	75.7	87.4
09-25-2006	MI8	D	69.4	70.5	80.9
09-25-2006	MI8	D	72.8	75.8	87.8
09-25-2006	RJ85	D	69.2	70.2	80.8
09-25-2006	MD82	D	71.7	77.1	83.4
09-25-2006	DH8D	D	70.1	71.1	81.4
09-25-2006	B734	A	69.9	70.7	81.2
09-25-2006	B733	A	71.1	73.7	81.4
09-25-2006	MI8	A	71.5	75.5	84.6
09-25-2006	LJ60	D	72.0	74.2	82.1
09-25-2006	MD82	D	71.1	72.8	82.1
09-26-2006	MD82	D	73.5	78.2	87.4
09-26-2006	E170	D	69.8	70.7	83.9
09-26-2006	B737	A	71.4	74.5	89.9
09-26-2006	JS32	D	74.1	77.5	84.2
09-26-2006	B733	D	69.3	70.7	81.0
09-26-2006	AT72	A	69.8	70.2	80.0
09-26-2006	B733	A	69.1	70.8	82.2
09-26-2006	JS32	D	69.4	70.1	80.8

09-27-2006	YK40	D	71.6	73.2	82.9
09-27-2006	B734	D	71.6	73.6	83.0
09-27-2006	B734	D	72.6	75.5	84.0
09-27-2006	MD82	D	72.8	78.4	88.1
09-27-2006	T154	D	74.6	81.1	91.7
09-27-2006	YK40	D	70.2	71.9	81.5
09-27-2006	YK40	D	70.7	74.7	84.7
09-27-2006	AT45	D	72.1	74.2	84.5
09-27-2006	F70	A	70.7	72.4	81.3
09-27-2006	E170	D	70.9	72.2	81.8
09-27-2006	CRJ9	D	70.3	71.8	82.1
09-27-2006	T154	A	69.2	70.9	80.5
09-27-2006	B735	D	69.4	71.7	79.8
09-27-2006	PA34	A	70.0	71.0	83.9
09-27-2006	RJ85	D	69.5	70.5	80.7
09-27-2006	JS32	D	69.8	71.4	82.5
09-27-2006	YK40	A	69.2	70.4	81.9
09-27-2006	MD82	D	72.3	76.6	87.0
09-27-2006	E170	A	69.6	70.6	83.3
09-27-2006	E170	A	68.9	70.2	84.3
09-27-2006	A320	D	70.3	72.2	83.6
09-27-2006	T154	A	76.1	79.0	86.8
09-27-2006	MI8	A	77.4	83.0	92.2
09-27-2006	SF34	D	71.0	73.9	84.3
09-27-2006	YK40	A	71.8	74.8	85.4
09-27-2006	E170	D	70.2	71.8	80.4
09-28-2006	E145	D	70.4	72.1	83.6
09-28-2006	E170	A	77.7	81.6	92.5
09-28-2006	E170	D	73.4	75.4	88.1
09-28-2006	A320	D	71.6	73.8	85.0
09-28-2006	B734	D	73.4	78.8	91.0
09-28-2006	MD82	D	76.8	83.5	92.9
09-28-2006	T154	D	77.7	82.7	93.9
09-28-2006	B733	D	71.7	75.5	84.7
09-28-2006	T154	D	74.7	77.1	86.6
09-28-2006	E170	D	72.5	74.6	82.6
09-28-2006	A320	D	70.7	72.4	80.8
09-28-2006	C295	D	70.0	71.4	82.4
09-28-2006	E170	D	69.9	72.1	84.0
09-28-2006	H25B	D	69.6	70.5	80.3
09-28-2006	T154	D	69.8	71.0	81.1
09-28-2006	T154	D	75.0	78.5	87.8
09-28-2006	E170	A	70.1	71.8	87.4
09-28-2006	ZZZZ	D	73.2	77.2	86.7
09-28-2006	DH8D	D	69.2	70.5	81.4
09-28-2006	JS32	D	69.9	70.6	82.2
09-28-2006	B735	D	70.7	72.4	82.5
09-28-2006	AT72	A	70.5	71.4	82.9
09-28-2006	RJ85	D	69.7	70.7	79.9
09-28-2006	AT72	D	68.9	70.5	82.6
09-28-2006	YK40	D	69.4	70.4	83.9
09-28-2006	AT45	A	71.7	74.8	84.3
09-28-2006	A320	D	70.9	74.0	82.9
09-28-2006	A320	D	76.9	80.9	88.4
09-28-2006	AT72	A	70.9	73.3	85.2
09-28-2006	B739	D	72.0	73.8	84.5
09-28-2006	B763	D	73.5	77.5	87.6
09-28-2006	AT72	D	70.5	72.9	86.7
09-28-2006	B733	D	70.7	72.8	84.2
09-28-2006	C295	A	70.1	71.3	84.9

09-28-2006	E170	D	70.6	74.4	85.0
09-28-2006	YK40	D	69.5	70.1	80.3
09-28-2006	AT72	D	70.4	73.7	85.0
09-28-2006	E145	D	69.1	70.3	80.0
09-28-2006	A320	D	69.8	70.8	81.3
09-28-2006	MD82	D	69.9	71.1	83.4
09-28-2006	AT72	D	69.2	70.2	79.8
09-28-2006	B763	D	71.3	73.6	85.1
09-28-2006	M18	A	70.5	73.9	81.0
09-28-2006	B762	D	70.5	71.7	82.2
09-28-2006	B763	D	71.2	73.4	84.2
09-29-2006	DH8D	D	70.1	70.9	80.4
09-29-2006	A320	D	72.5	74.7	82.7
09-29-2006	AN28	A	74.0	77.1	91.4
09-29-2006	RJ85	D	69.2	70.2	81.4
09-29-2006	B734	D	71.1	73.0	83.4
09-29-2006	E170	D	71.9	74.2	83.0
09-29-2006	B763	D	70.1	72.5	83.2
09-29-2006	B763	D	71.6	74.3	84.7
09-29-2006	B763	D	70.5	72.3	84.2
09-29-2006	B762	D	69.7	70.5	80.5
09-29-2006	E170	D	72.6	76.5	83.8
09-29-2006	A320	D	75.3	79.6	85.6
09-29-2006	B735	D	70.6	72.3	80.9
09-29-2006	B752	D	69.8	71.2	81.5
09-30-2006	B738	D	70.7	72.0	82.4
09-30-2006	E145	D	70.9	73.0	88.4
09-30-2006	E170	D	69.8	72.3	81.5
09-30-2006	B733	D	70.8	72.6	82.8
09-30-2006	E170	D	70.4	72.8	82.2
09-30-2006	B734	D	70.6	72.6	83.4
09-30-2006	A319	D	69.8	70.7	80.9
09-30-2006	T154	D	69.3	71.2	79.7
09-30-2006	B763	D	71.4	74.2	84.3
09-30-2006	B763	D	70.5	72.6	82.9
09-30-2006	B763	D	70.8	73.7	82.3
09-30-2006	E170	D	76.3	82.6	89.1
09-30-2006	T154	A	72.4	73.8	83.4
09-30-2006	B763	D	71.2	73.2	85.5
09-30-2006	E170	D	69.6	71.4	82.0
09-30-2006	T154	D	70.8	72.7	81.9
09-30-2006	B734	D	71.0	72.5	82.3
09-30-2006	B738	A	72.7	74.6	84.6
09-30-2006	T154	A	76.6	78.5	87.7
				Średnia L_{AE}	84,75
				Odchylenie stand. σ	1,50
				Przedział ufności Δ	0,27

Poziom równoważny dla pory dnia: L_{Aeq} , $LT=49,12$

Pora nocy

Data	Samolot	Operacja*	L_{Aeq}	L_{Amax}	L_{AE}
09-01-2006	B734	D	71.1	73.3	85.8
09-01-2006	MD83	D	75.0	80.4	89.4
09-01-2006	E170	D	70.2	71.7	84.5
09-01-2006	B733	D	71.2	73.5	82.7

09-02-2006	AN26	D	72.4	75.3	85.5
09-02-2006	T154	D	74.9	79.9	89.6
09-03-2006	MD83	D	71.2	73.4	84.0
09-03-2006	B734	D	71.5	74.9	85.2
09-05-2006	E170	D	70.9	72.1	81.2
09-06-2006	L410	A	70.6	72.0	81.2
09-07-2006	E170	D	71.6	73.4	81.9
09-07-2006	E170	D	71.7	73.7	84.1
09-07-2006	YK40	A	72.0	74.6	84.5
09-09-2006	K35E	D	74.0	78.5	89.3
09-09-2006	AT72	D	73.9	77.8	84.9
09-11-2006	B734	D	70.5	72.1	82.6
09-12-2006	T154	D	73.1	76.4	88.6
09-12-2006	AN26	A	71.1	73.4	83.9
09-12-2006	AT72	D	71.9	74.2	82.0
09-13-2006	B734	D	69.8	71.5	82.6
09-14-2006	L410	D	70.0	72.0	82.3
09-14-2006	AN26	D	73.2	76.6	86.9
09-14-2006	AN26	D	72.6	76.7	86.6
09-14-2006	B735	A	71.0	73.9	82.5
09-15-2006	L410	D	69.7	72.4	84.3
09-15-2006	AN26	D	70.0	71.4	81.6
09-15-2006	AN26	D	70.6	72.6	81.4
09-17-2006	L410	D	72.0	74.4	82.6
09-18-2006	MD83	D	72.8	77.0	88.3
09-18-2006	MD83	D	71.8	74.0	85.2
09-18-2006	E145	A	70.6	74.4	84.6
09-19-2006	AN26	D	71.2	74.3	82.5
09-19-2006	AN26	D	71.1	74.7	83.4
09-20-2006	AN26	A	71.9	74.7	88.6
09-21-2006	MD83	D	69.8	71.1	81.0
09-21-2006	AN26	D	71.5	74.0	82.7
09-21-2006	AN26	D	70.9	72.9	83.7
09-22-2006	B734	D	72.1	74.3	82.4
09-23-2006	L410	D	72.7	76.8	82.8
09-24-2006	T154	A	76.7	78.6	88.8
09-24-2006	MI8	A	71.9	74.4	82.1
09-24-2006	MI8	A	80.6	86.7	95.1
09-25-2006	B734	D	71.4	73.5	82.6
09-25-2006	B733	D	71.5	73.9	82.3
09-25-2006	B733	D	71.8	73.4	83.3
09-26-2006	MD83	D	73.9	76.4	88.4
09-26-2006	AN26	A	70.4	72.4	80.9
09-26-2006	AN26	A	72.0	74.8	83.8
09-27-2006	B734	D	73.0	74.8	83.3
09-27-2006	B734	D	72.9	75.4	85.5
09-27-2006	L410	A	69.5	71.2	82.4
09-27-2006	AN26	A	70.5	71.5	81.0
09-27-2006	AN26	A	69.3	70.3	80.0
09-27-2006	B734	D	74.9	79.1	88.6
09-28-2006	B733	D	73.4	75.8	85.6
09-28-2006	B734	D	73.9	78.5	86.1
09-28-2006	AN26	D	73.8	76.7	88.6
09-28-2006	AN26	D	72.7	75.9	88.2
09-28-2006	AN26	D	72.5	76.2	85.7
09-28-2006	B734	D	74.6	76.7	87.1
09-28-2006	B752	D	71.7	75.0	85.8
09-29-2006	AT72	D	72.3	74.2	82.9
09-29-2006	B733	D	71.4	76.3	86.9
09-29-2006	AT72	D	75.0	79.8	90.9

09-29-2006	AN26	A	70.1	72.5	83.3
09-30-2006	E170	D	74.0	76.6	88.5
09-30-2006	L410	D	69.7	71.4	86.9
09-30-2006	AN26	D	73.3	79.7	91.3
09-30-2006	L410	D	70.1	71.3	80.9
09-30-2006	AN26	D	73.9	76.5	90.2
09-30-2006	AN26	D	76.3	83.0	92.5
09-30-2006	E170	D	72.3	75.2	86.2
09-30-2006	E170	D	72.5	74.6	85.0
				Średnia L_{AE}	88,24
				Odchylenie stand. σ	1,45
				Przedział ufności Δ	0,59

Poziom równoważny dla pory nocy: L_{Aeq} , $LT=45,93$