

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

**Nazwa obiektu:** Punkt pomiarowy nr 3 „Mysiadło”

Data wykonania pomiaru:  
początek: 01.09.2006  
koniec: 30.09.2006

Lokalizacja punktu pomiarowego: Warszawa, ul. Chabrów

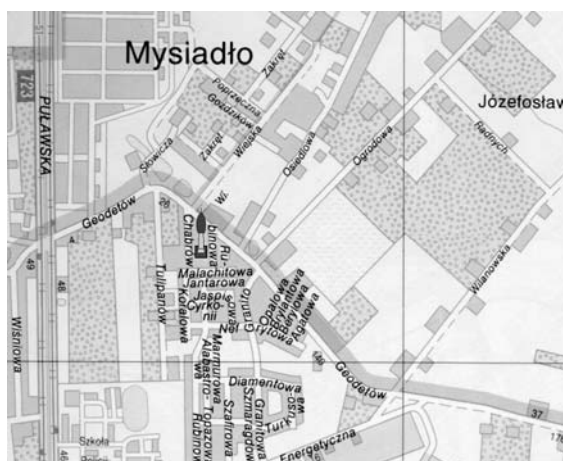
Układ współrzędnych WGS 84

Szerokość geograficzna N 52° 05' 51,6”

Długość geograficzna E 21° 01' 35,7”

Względna wysokość punktu pomiarowego [m]: 5

**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	AT72	A	73.4	77.6	87.5
09-01-2006	AT45	A	71.2	74.2	84.6
09-01-2006	E170	A	70.6	73.6	84.2
09-01-2006	AT45	A	71.0	73.7	84.0
09-01-2006	E145	A	66.6	68.1	77.2
09-01-2006	E170	A	70.6	73.4	83.4
09-01-2006	A320	A	72.1	75.5	85.4
09-01-2006	AT43	A	69.9	72.8	82.5
09-01-2006	B752	A	74.1	77.2	88.6
09-01-2006	B735	A	73.0	77.0	85.8
09-01-2006	A320	A	70.8	73.5	83.6
09-01-2006	AT72	A	72.5	76.8	86.5
09-01-2006	B463	A	69.4	71.7	80.5
09-01-2006	RJ85	A	68.2	71.2	79.6
09-01-2006	AN26	A	72.1	77.1	85.3
09-01-2006	A320	A	72.6	76.4	86.4
09-01-2006	A320	A	71.8	74.8	85.1
09-01-2006	JS32	A	67.5	69.4	78.0
09-01-2006	CRJ2	A	69.0	71.9	81.5
09-01-2006	LJ60	A	68.0	69.4	78.5
09-01-2006	B763	A	74.7	79.0	88.8
09-01-2006	CRJ2	A	67.3	69.1	78.5
09-01-2006	AT72	A	73.7	77.9	86.5
09-01-2006	B733	A	71.6	76.0	83.8
09-01-2006	RJ1H	A	69.8	73.0	81.8
09-01-2006	B735	A	73.4	78.0	86.2
09-01-2006	A320	A	72.2	75.5	84.9
09-01-2006	E170	A	70.9	73.2	82.9
09-01-2006	B737	A	71.4	75.4	84.6
09-01-2006	E170	A	69.4	72.5	81.3
09-01-2006	E145	A	68.9	71.7	80.7
09-01-2006	B735	A	72.0	75.8	83.8
09-01-2006	DH8D	A	70.5	73.2	82.8
09-01-2006	E170	A	70.2	72.6	81.5
09-01-2006	AT45	A	70.6	73.1	82.4
09-01-2006	B734	A	73.1	77.3	85.8
09-01-2006	CRJ2	A	69.3	72.3	81.5
09-01-2006	B763	A	73.5	77.5	88.1
09-01-2006	E170	A	70.7	73.8	82.7
09-01-2006	AT72	A	70.6	72.9	84.4
09-01-2006	RJ85	A	69.6	71.8	80.8
09-01-2006	T154	A	76.6	82.3	90.6
09-01-2006	E145	A	69.0	71.2	81.1
09-01-2006	B735	A	71.9	75.3	84.6
09-01-2006	A319	A	73.0	77.0	85.6
09-01-2006	E170	A	70.8	73.2	82.8

09-01-2006	A320	A	71.7	74.9	83.9
09-01-2006	A320	A	69.7	72.5	81.3
09-01-2006	E145	A	67.5	68.8	78.1
09-01-2006	YK40	A	70.5	74.3	82.3
09-01-2006	AT72	A	72.8	77.1	85.8
09-01-2006	AT72	A	73.5	77.6	86.6
09-01-2006	B734	A	72.5	76.6	84.5
09-01-2006	C550	A	68.8	70.5	80.1
09-01-2006	A319	A	73.0	76.4	85.6
09-01-2006	A319	A	70.2	72.9	82.3
09-01-2006	A320	A	71.4	74.6	84.1
09-01-2006	B734	A	71.9	74.4	83.6
09-01-2006	E170	A	70.8	74.8	81.7
09-01-2006	P180	A	72.4	77.1	86.6
09-01-2006	AT72	A	70.5	72.0	82.1
09-01-2006	B734	A	71.8	75.8	83.5
09-01-2006	B735	A	72.1	76.8	84.1
09-01-2006	A320	A	71.2	73.7	83.9
09-01-2006	A320	A	71.9	74.5	84.1
09-01-2006	A319	A	70.7	73.7	83.0
09-01-2006	B734	A	72.3	76.4	84.6
09-01-2006	E170	A	70.3	73.0	82.5
09-01-2006	B735	A	71.4	74.0	83.9
09-01-2006	AT72	A	69.8	71.6	83.5
09-01-2006	AT45	A	71.2	74.6	84.2
09-01-2006	E145	A	68.8	70.5	79.9
09-01-2006	RJ85	A	69.3	71.5	80.7
09-01-2006	MD82	A	70.4	73.5	83.1
09-01-2006	B738	A	72.3	75.5	84.9
09-01-2006	B734	A	74.2	78.7	86.8
09-01-2006	E170	A	69.7	72.7	81.2
09-01-2006	A319	A	71.7	76.7	84.0
09-01-2006	A320	A	71.6	74.3	84.0
09-01-2006	AT72	A	73.4	77.0	86.9
09-01-2006	A320	A	74.7	78.7	88.1
09-01-2006	B738	A	72.5	76.4	85.7
09-01-2006	E145	A	69.9	71.6	81.4
09-01-2006	A319	A	72.3	76.1	85.2
09-01-2006	B763	A	75.2	78.7	88.5
09-01-2006	AT45	A	71.7	74.1	83.5
09-01-2006	B762	A	72.7	76.1	86.2
09-01-2006	AT72	A	72.7	76.7	85.6
09-01-2006	E170	A	69.5	71.9	80.8
09-01-2006	E170	A	69.9	72.0	81.7
09-01-2006	RJ1H	A	69.9	73.3	82.0
09-01-2006	B735	A	72.2	77.1	84.5
09-01-2006	AT45	A	71.0	73.5	83.3
09-01-2006	B733	A	72.6	75.8	84.4
09-01-2006	B735	A	72.9	76.4	86.2
09-01-2006	YK40	A	71.3	74.7	82.8
09-01-2006	B735	A	72.2	76.2	84.9
09-01-2006	DH8D	A	69.3	71.6	81.3
09-01-2006	E145	A	68.0	69.1	78.9
09-01-2006	B734	A	73.0	77.1	86.2
09-01-2006	B763	A	76.3	83.8	90.1
09-01-2006	B735	A	71.3	74.1	83.0
09-01-2006	AT72	A	73.2	76.2	85.4
09-01-2006	E145	A	68.5	71.0	80.2
09-01-2006	MD83	A	72.5	77.0	84.8
09-01-2006	AT72	A	73.0	76.6	86.8

09-01-2006	E145	A	67.3	69.0	77.6
09-01-2006	B735	A	71.5	77.2	84.7
09-01-2006	E145	A	68.8	70.7	80.1
09-01-2006	E170	A	70.2	72.7	82.3
09-01-2006	F50	A	71.3	73.7	83.8
09-01-2006	CRJ2	A	69.2	71.6	81.5
09-01-2006	E170	A	70.1	72.3	82.1
09-01-2006	AT45	A	72.2	76.0	85.3
09-01-2006	E145	A	68.5	70.2	79.7
09-01-2006	F50	A	71.6	74.0	83.1
09-01-2006	DH8D	A	68.9	70.5	79.8
09-01-2006	E170	A	70.0	72.7	81.9
09-01-2006	AT45	A	70.5	73.1	83.4
09-01-2006	CRJ7	A	70.9	73.8	82.7
09-01-2006	A319	A	73.3	77.0	85.9
09-01-2006	E170	A	69.8	72.7	82.8
09-01-2006	P180	A	74.9	79.0	88.9
09-01-2006	AT72	A	74.0	76.8	86.5
09-01-2006	C295	A	72.7	75.8	84.3
09-01-2006	RJ1H	A	70.1	73.0	82.0
09-01-2006	AN26	A	72.6	77.7	85.7
09-01-2006	B738	A	72.0	75.3	84.4
09-01-2006	C56X	A	71.1	74.1	81.9
09-01-2006	E170	A	70.9	74.5	83.7
09-01-2006	A319	A	71.0	74.0	82.8
09-01-2006	A320	A	70.9	73.8	83.5
09-01-2006	MD82	A	71.5	74.5	83.8
09-01-2006	AT45	A	71.3	74.3	83.1
09-01-2006	B737	A	70.6	74.6	84.2
09-01-2006	A320	A	73.4	76.9	86.6
09-01-2006	B735	A	70.8	72.6	82.8
09-01-2006	B737	A	71.0	73.8	83.2
09-01-2006	E170	A	69.4	71.7	81.1
09-01-2006	E170	A	70.5	73.0	82.7
09-01-2006	B733	A	71.9	74.8	84.0
09-01-2006	P180	A	75.2	80.5	89.9
09-01-2006	E170	A	71.6	74.0	83.7
09-01-2006	AT72	A	73.3	77.2	86.6
09-01-2006	A320	A	72.8	76.2	85.8
09-01-2006	B735	A	72.7	78.2	84.6
09-01-2006	F70	A	68.8	70.8	79.9
09-01-2006	E145	A	68.2	70.1	79.7
09-01-2006	B735	A	72.4	76.0	84.7
09-01-2006	SF34	A	68.2	69.8	79.0
09-01-2006	E170	A	70.2	72.7	82.1
09-01-2006	AT72	A	73.7	77.4	86.9
09-01-2006	DH8D	A	69.8	71.9	81.1
09-01-2006	E145	A	68.0	69.6	79.4
09-01-2006	RJ1H	A	69.2	71.6	81.4
09-01-2006	AT72	A	73.8	77.0	85.9
09-01-2006	F50	A	73.7	77.5	86.8
09-01-2006	B752	A	73.8	77.8	87.6
09-01-2006	SF34	A	69.6	72.7	80.8
09-01-2006	E170	A	70.9	73.6	83.0
09-01-2006	AT45	A	70.5	73.2	82.7
09-01-2006	E170	A	70.5	72.8	82.0
09-01-2006	E145	A	68.9	70.9	79.8
09-01-2006	B733	A	73.7	77.8	86.4
09-01-2006	DH8D	A	71.0	73.9	83.3
09-01-2006	AT72	A	71.4	74.0	84.1

09-01-2006	B737	A	71.4	74.9	84.1
09-01-2006	B734	A	72.2	75.6	84.5
09-01-2006	AT45	A	71.8	74.2	84.0
09-01-2006	SF34	A	68.5	71.1	79.0
09-01-2006	E170	A	70.0	72.5	81.4
09-01-2006	A320	A	71.6	74.6	84.8
09-01-2006	B735	A	72.6	76.4	85.1
09-01-2006	AT72	A	69.6	72.6	82.0
09-01-2006	B733	A	71.6	76.0	84.9
09-01-2006	E145	A	68.9	70.8	80.0
09-01-2006	B734	A	73.2	76.8	85.6
09-01-2006	E145	A	68.0	69.3	78.9
09-01-2006	B733	A	72.9	76.7	85.4
09-01-2006	E145	A	68.8	70.8	79.9
09-01-2006	E170	A	70.5	72.8	82.7
09-01-2006	E170	A	69.6	71.5	81.4
09-01-2006	E170	A	70.2	72.6	81.8
09-01-2006	AT45	A	71.0	74.0	83.1
09-01-2006	B738	A	71.3	74.2	84.0
09-01-2006	B734	A	72.8	77.9	86.2
09-01-2006	AT72	A	73.1	76.7	86.6
09-01-2006	CL60	A	69.0	71.9	81.0
09-01-2006	E170	A	70.1	73.3	81.8
09-01-2006	B733	A	72.0	75.4	85.1
09-01-2006	B733	A	72.3	75.4	84.4
09-01-2006	E170	A	69.2	71.6	81.5
09-01-2006	B733	A	73.0	77.2	85.6
09-01-2006	YK40	A	71.8	76.7	85.1
09-02-2006	B735	A	72.8	76.6	84.8
09-02-2006	E170	A	69.8	72.1	81.3
09-02-2006	AT72	A	73.8	77.1	87.1
09-02-2006	AT45	A	70.4	72.4	82.5
09-02-2006	E170	A	70.0	72.6	81.7
09-02-2006	AT72	A	73.4	76.5	86.0
09-02-2006	AT72	A	71.6	73.6	83.7
09-02-2006	E145	A	68.8	70.7	79.6
09-02-2006	E170	A	70.2	72.8	81.7
09-02-2006	B752	A	71.9	75.1	85.1
09-02-2006	AT72	A	73.8	76.6	86.4
09-02-2006	B752	A	71.9	74.6	84.6
09-02-2006	B734	A	72.4	76.3	84.3
09-02-2006	AT72	A	73.7	76.8	86.4
09-02-2006	RJ85	A	68.8	70.9	80.1
09-02-2006	B738	A	72.3	75.4	84.4
09-02-2006	B733	A	72.3	77.5	86.0
09-02-2006	B734	A	71.1	73.2	83.0
09-02-2006	B733	A	71.4	73.5	83.4
09-02-2006	RJ1H	A	69.4	72.0	80.9
09-02-2006	E170	A	69.5	71.8	80.7
09-02-2006	B735	A	70.5	72.3	82.4
09-02-2006	E145	A	68.1	69.7	78.3
09-02-2006	E145	A	68.2	70.5	78.5
09-02-2006	B735	A	71.4	74.5	82.9
09-02-2006	E170	A	70.3	73.1	82.2
09-02-2006	AT72	A	71.0	73.5	83.7
09-02-2006	T154	A	76.5	82.5	89.7
09-02-2006	DH8D	A	70.9	73.1	82.9
09-02-2006	AT72	A	70.4	72.2	82.1
09-02-2006	E170	A	70.6	73.4	82.6
09-02-2006	A320	A	73.8	78.3	86.9

09-02-2006	B735	A	72.1	75.2	83.9
09-02-2006	B763	A	75.3	78.9	89.0
09-02-2006	E170	A	70.3	72.8	83.0
09-02-2006	AT72	A	73.1	76.1	85.2
09-02-2006	B734	A	72.0	75.4	84.2
09-02-2006	B735	A	71.2	73.6	83.1
09-02-2006	AT72	A	71.0	74.4	83.8
09-02-2006	A319	A	70.9	73.3	82.8
09-02-2006	E170	A	69.2	71.5	80.3
09-02-2006	A320	A	72.2	75.6	84.6
09-02-2006	AT72	A	70.3	72.0	83.0
09-02-2006	AT72	A	72.9	76.8	85.2
09-02-2006	B733	A	71.0	73.2	82.8
09-02-2006	AT45	A	71.1	74.0	83.8
09-02-2006	A320	A	71.0	73.6	83.2
09-02-2006	E170	A	70.4	72.4	82.1
09-02-2006	A319	A	70.7	74.1	82.7
09-02-2006	E145	A	68.9	72.0	81.9
09-02-2006	E170	A	71.1	73.3	82.9
09-02-2006	MD82	A	72.1	76.2	84.6
09-02-2006	B735	A	71.7	76.7	84.0
09-02-2006	E170	A	69.0	72.1	80.5
09-02-2006	E145	A	69.1	71.2	80.0
09-02-2006	E145	A	68.1	70.0	78.2
09-02-2006	B762	A	72.6	75.8	85.6
09-02-2006	E170	A	69.8	72.1	81.2
09-02-2006	B733	A	72.5	75.9	84.2
09-02-2006	AT45	A	72.1	74.3	83.5
09-02-2006	B733	A	72.9	76.7	85.3
09-02-2006	B763	A	72.5	75.4	86.2
09-02-2006	B762	A	72.8	76.6	85.3
09-02-2006	E170	A	69.8	72.1	81.6
09-02-2006	B735	A	71.9	74.8	83.6
09-02-2006	AT45	A	71.5	73.9	83.1
09-02-2006	RJ1H	A	72.3	76.2	84.5
09-02-2006	E170	A	71.7	74.6	84.1
09-02-2006	AT72	A	71.8	75.4	85.3
09-02-2006	E170	A	69.8	72.1	81.6
09-02-2006	DH8D	A	72.4	76.2	84.6
09-02-2006	B735	A	70.3	73.6	82.2
09-02-2006	B735	A	71.4	76.7	83.3
09-02-2006	E145	A	68.2	70.5	78.3
09-02-2006	B737	A	71.1	73.9	83.0
09-02-2006	AT72	A	70.2	73.3	82.0
09-02-2006	B734	A	73.5	78.5	86.0
09-02-2006	F50	A	71.6	74.5	83.0
09-02-2006	E145	A	66.1	68.7	85.8
09-02-2006	E145	A	68.3	70.7	80.3
09-02-2006	B752	A	70.3	73.6	84.7
09-02-2006	AT72	A	71.7	77.0	88.0
09-02-2006	JS32	A	67.3	69.4	81.0
09-02-2006	B734	A	73.1	76.8	84.8
09-02-2006	E170	A	69.7	72.3	80.8
09-02-2006	E170	A	68.8	71.3	80.1
09-02-2006	DH8D	A	68.7	70.2	80.1
09-02-2006	CRJ7	A	68.8	71.2	80.0
09-02-2006	A319	A	74.6	78.4	87.4
09-02-2006	A320	A	70.7	72.8	82.5
09-02-2006	MD82	A	71.4	75.3	83.2
09-02-2006	MD83	A	70.7	73.9	82.4

09-02-2006	E170	A	70.0	72.6	80.8
09-02-2006	P180	A	72.8	77.1	85.8
09-02-2006	E145	A	70.7	73.2	81.8
09-02-2006	B735	A	70.3	73.1	81.8
09-02-2006	B733	A	72.1	77.1	84.1
09-02-2006	A320	A	72.1	75.2	84.2
09-02-2006	A320	A	71.5	74.4	83.4
09-02-2006	E170	A	69.1	71.6	80.0
09-02-2006	AT72	A	72.9	75.9	85.2
09-02-2006	B742	A	82.2	88.7	96.3
09-02-2006	AT72	A	72.9	75.6	85.3
09-02-2006	B735	A	70.1	72.2	81.7
09-02-2006	B735	A	70.0	72.2	81.8
09-02-2006	AT45	A	70.3	72.5	81.4
09-02-2006	E170	A	70.2	72.4	81.5
09-02-2006	RJ1H	A	70.0	72.4	81.1
09-02-2006	B734	A	73.7	78.7	85.6
09-02-2006	B735	A	71.8	75.3	83.5
09-02-2006	B734	A	72.8	75.5	84.8
09-02-2006	A320	A	71.9	74.4	83.7
09-02-2006	brak danych	A	74.5	79.9	87.6
09-02-2006	AT72	A	70.3	72.3	81.3
09-02-2006	E145	A	67.7	68.9	78.1
09-02-2006	AT45	A	67.9	69.2	80.5
09-02-2006	AT45	A	71.7	74.3	83.1
09-02-2006	E170	A	69.1	71.7	80.3
09-02-2006	E170	A	69.9	72.2	81.4
09-02-2006	B733	A	73.4	77.4	85.7
09-02-2006	E170	A	69.2	71.6	80.0
09-02-2006	E145	A	68.4	70.4	79.1
09-02-2006	B734	A	73.2	77.5	84.9
09-02-2006	B735	A	72.2	75.8	84.0
09-02-2006	E145	A	67.7	70.0	79.8
09-02-2006	E170	A	69.1	71.3	80.2
09-02-2006	E170	A	69.8	72.0	80.8
09-02-2006	B734	A	74.2	78.6	86.7
09-02-2006	B735	A	71.9	75.9	84.1
09-02-2006	E170	A	70.3	72.7	81.5
09-02-2006	AT72	A	72.0	74.9	83.4
09-02-2006	B734	A	71.5	73.8	82.6
09-03-2006	B752	A	73.4	77.4	86.3
09-03-2006	E170	A	70.5	72.3	81.6
09-03-2006	E170	A	70.6	72.9	81.8
09-03-2006	AT72	A	74.1	77.2	86.1
09-03-2006	AT72	A	71.5	74.6	84.0
09-03-2006	DC95	D	68.7	71.9	82.8
09-03-2006	A320	D	69.9	73.5	83.4
09-03-2006	B733	D	70.8	74.0	83.2
09-03-2006	AT72	A	73.2	77.8	86.5
09-03-2006	B734	A	73.0	75.8	84.7
09-03-2006	A320	A	72.0	75.1	84.1
09-03-2006	A319	A	71.6	74.6	83.6
09-03-2006	B734	A	68.3	70.2	79.0
09-03-2006	B734	A	73.1	77.4	85.1
09-03-2006	E170	A	70.0	72.3	81.6
09-03-2006	E170	A	69.2	72.4	80.8
09-03-2006	A319	A	70.8	73.8	83.8
09-03-2006	MD82	A	73.5	78.8	86.6
09-03-2006	E145	A	69.8	71.7	80.9
09-03-2006	A320	A	71.1	74.0	83.7

09-03-2006	AT72	A	74.2	77.6	87.0
09-03-2006	E170	A	72.6	76.3	84.3
09-03-2006	AT45	A	71.3	73.9	83.7
09-03-2006	CRJ7	A	70.5	73.6	82.9
09-03-2006	AT45	A	71.3	73.7	83.2
09-03-2006	E145	A	68.3	70.1	78.9
09-03-2006	B734	A	71.7	74.5	83.7
09-03-2006	A319	A	70.4	73.5	82.2
09-03-2006	A319	A	71.9	74.7	84.1
09-03-2006	E170	A	70.1	72.8	81.6
09-03-2006	B734	A	71.4	74.3	83.0
09-03-2006	B733	A	72.9	76.4	84.7
09-03-2006	B762	A	72.5	74.9	84.9
09-03-2006	A320	A	74.6	78.1	86.8
09-03-2006	B763	A	74.7	78.0	87.4
09-03-2006	AT45	A	70.5	72.8	82.4
09-03-2006	B734	A	73.1	77.4	85.1
09-03-2006	AT72	A	73.3	76.4	85.4
09-03-2006	B762	A	72.5	75.8	85.3
09-03-2006	B738	A	71.7	75.3	83.9
09-03-2006	RJ1H	A	70.0	73.4	81.8
09-03-2006	B737	A	72.7	76.2	85.0
09-03-2006	AT45	A	69.8	72.3	81.5
09-03-2006	A320	A	72.7	76.3	84.9
09-03-2006	CRJ2	A	69.2	71.8	80.3
09-03-2006	B735	A	74.4	79.2	86.4
09-03-2006	B738	A	73.5	77.6	86.0
09-03-2006	B735	A	70.9	75.0	82.9
09-03-2006	B735	A	73.4	76.7	85.0
09-03-2006	AT72	A	70.5	73.1	82.8
09-03-2006	B733	A	72.4	75.9	83.7
09-03-2006	E145	A	68.0	69.7	79.3
09-03-2006	F50	A	70.1	73.6	82.2
09-03-2006	E170	A	71.8	75.0	83.1
09-03-2006	B734	A	72.6	76.6	84.7
09-03-2006	AT72	A	74.5	78.3	87.2
09-03-2006	AT72	A	73.3	76.7	85.8
09-03-2006	E170	A	69.9	74.1	80.1
09-03-2006	E170	A	71.7	75.1	83.4
09-03-2006	E170	A	71.7	74.1	82.9
09-03-2006	AT45	A	70.7	73.4	82.4
09-03-2006	B735	A	72.7	76.4	84.2
09-03-2006	AT45	A	70.7	72.9	82.4
09-03-2006	B735	A	70.5	73.5	82.1
09-03-2006	B752	A	73.1	76.7	85.3
09-03-2006	E170	A	71.7	75.2	83.6
09-03-2006	DH8D	A	67.8	69.6	78.2
09-03-2006	E145	A	69.3	71.6	79.9
09-03-2006	A319	A	73.4	77.6	86.1
09-03-2006	B738	A	72.8	76.1	85.4
09-03-2006	T154	A	75.5	81.5	88.4
09-03-2006	RJ85	A	69.5	71.2	80.2
09-03-2006	AT72	A	71.2	73.6	83.3
09-03-2006	RJ85	A	69.0	71.3	79.3
09-03-2006	AT45	A	70.5	72.9	81.7
09-03-2006	MD82	A	71.8	75.7	84.2
09-03-2006	B734	A	74.0	78.0	85.6
09-03-2006	E170	A	71.6	75.1	83.9
09-03-2006	E170	A	76.1	79.6	89.1
09-03-2006	B735	A	74.6	78.7	87.0



09-03-2006	A319	A	72.5	75.8	84.9
09-03-2006	B737	A	72.1	75.5	83.9
09-03-2006	AT72	A	72.8	75.2	83.8
09-03-2006	B737	A	73.2	77.5	85.6
09-03-2006	AT43	A	67.3	68.8	77.7
09-03-2006	B735	A	72.4	76.0	83.7
09-03-2006	A319	A	72.7	76.1	84.5
09-03-2006	A320	A	70.5	74.1	82.7
09-03-2006	A319	A	72.0	74.9	84.2
09-03-2006	A320	A	72.8	76.1	85.1
09-03-2006	AT72	A	69.9	72.4	81.2
09-03-2006	E170	A	70.5	72.6	82.5
09-03-2006	E170	A	70.4	73.8	81.5
09-03-2006	AT72	A	73.7	77.4	86.3
09-03-2006	B734	A	74.4	77.9	86.7
09-03-2006	B735	A	71.7	75.4	83.5
09-03-2006	E145	A	68.6	70.4	78.8
09-03-2006	DH8D	A	72.7	76.3	84.5
09-03-2006	E170	A	70.7	73.4	82.1
09-03-2006	AT45	A	70.2	72.4	81.9
09-03-2006	CRJ2	A	68.6	71.7	80.8
09-03-2006	B738	A	73.8	78.2	86.4
09-03-2006	E170	A	71.1	73.6	83.4
09-03-2006	RJ1H	A	70.1	72.5	81.2
09-03-2006	E170	A	69.6	71.9	80.9
09-03-2006	B752	A	73.4	76.0	86.3
09-03-2006	B752	A	73.8	77.1	87.1
09-03-2006	AT72	A	72.2	75.4	84.9
09-03-2006	E170	A	69.3	72.0	80.8
09-03-2006	AT45	A	71.4	74.8	83.5
09-03-2006	E170	A	69.8	72.2	81.3
09-03-2006	F50	A	71.8	75.3	84.1
09-03-2006	B738	A	72.1	75.1	84.3
09-03-2006	AT45	A	71.1	75.4	83.9
09-03-2006	B737	A	71.7	76.1	84.3
09-03-2006	B734	A	72.9	77.7	85.8
09-03-2006	DH8D	A	69.8	72.1	79.9
09-03-2006	E170	A	69.8	72.0	81.1
09-03-2006	AT72	A	69.3	72.5	82.9
09-03-2006	B735	A	72.0	77.3	84.1
09-03-2006	A320	A	73.6	77.2	86.1
09-03-2006	B733	A	70.9	73.2	82.8
09-03-2006	E145	A	68.5	70.6	79.8
09-03-2006	E170	A	70.4	72.9	82.3
09-03-2006	B735	A	71.9	75.2	84.0
09-03-2006	B733	A	75.4	80.2	87.9
09-03-2006	E170	A	70.2	72.7	81.4
09-03-2006	E145	A	68.5	70.2	79.2
09-03-2006	E145	A	68.2	70.7	79.6
09-03-2006	E145	A	67.0	68.3	77.3
09-03-2006	E170	A	70.3	73.6	82.3
09-03-2006	B734	A	72.3	77.4	84.4
09-03-2006	B733	A	73.9	77.9	86.3
09-03-2006	AT72	A	72.0	74.8	84.8
09-03-2006	B734	A	72.2	76.2	84.5
09-03-2006	AT45	A	71.0	73.7	83.0
09-03-2006	B733	A	74.5	79.4	87.7
09-03-2006	B735	A	71.9	76.6	84.1
09-03-2006	B734	A	72.5	76.4	84.3
09-03-2006	E170	A	70.2	72.3	81.1

09-04-2006	B735	A	73.0	77.5	85.8
09-04-2006	E170	A	70.0	73.1	82.4
09-04-2006	AT45	A	70.1	74.5	82.8
09-04-2006	E170	A	70.7	74.3	84.1
09-04-2006	B735	A	72.8	76.9	85.9
09-04-2006	AT72	A	69.0	71.3	81.6
09-04-2006	E145	A	68.7	71.5	80.1
09-04-2006	AT72	A	71.1	74.2	84.5
09-04-2006	B752	A	72.2	75.8	85.7
09-04-2006	AT72	A	71.6	74.8	84.4
09-04-2006	MD82	A	73.6	77.2	87.5
09-04-2006	JS32	A	66.7	68.9	77.4
09-04-2006	AN28	A	67.5	70.1	77.6
09-04-2006	A320	A	72.5	76.0	85.4
09-11-2006	B737	D	68.9	70.5	79.5
09-12-2006	YK40	D	69.1	71.5	82.7
09-12-2006	MD82	D	69.8	72.7	83.2
09-12-2006	E170	D	68.5	71.9	81.4
09-12-2006	B734	D	69.1	72.9	81.7
09-12-2006	T154	D	71.3	75.5	85.1
09-12-2006	B735	D	67.3	69.1	78.7
09-12-2006	B734	D	67.7	70.9	79.6
09-12-2006	YK40	D	67.1	70.4	78.5
09-12-2006	B733	D	67.6	69.9	78.5
09-12-2006	AN26	D	70.1	72.0	84.9
09-13-2006	B733	D	68.3	70.2	81.0
09-13-2006	B734	D	69.2	72.1	82.3
09-13-2006	B734	D	67.0	68.3	79.0
09-13-2006	B733	D	67.3	69.2	78.6
09-13-2006	B734	D	69.0	74.2	82.0
09-13-2006	B734	D	67.9	70.8	78.3
09-13-2006	YK40	D	69.9	73.0	81.4
09-13-2006	B734	D	70.4	76.2	83.5
09-13-2006	B733	D	68.0	70.5	80.7
09-13-2006	AN26	D	70.6	73.0	84.7
09-13-2006	B738	D	68.3	70.3	80.2
09-14-2006	A320	D	67.8	69.8	79.7
09-14-2006	B733	D	69.8	72.2	82.0
09-14-2006	YK40	D	68.3	71.3	80.6
09-14-2006	B735	D	67.2	68.6	78.5
09-14-2006	B734	D	67.0	69.4	78.7
09-14-2006	B733	D	67.3	68.7	78.6
09-14-2006	MD82	D	72.1	76.0	87.1
09-14-2006	B738	D	67.0	68.7	80.7
09-15-2006	B733	D	70.4	72.5	82.5
09-15-2006	B762	D	67.8	69.3	79.1
09-15-2006	B735	D	66.9	69.2	80.2
09-15-2006	B734	D	67.6	70.8	80.9
09-15-2006	B733	D	67.4	70.4	79.5
09-16-2006	B733	D	69.8	73.0	83.3
09-16-2006	B734	D	68.0	71.6	80.4
09-16-2006	YK40	D	68.7	72.2	80.2
09-16-2006	E170	D	66.5	69.8	77.3
09-16-2006	B734	D	68.8	73.3	80.5
09-17-2006	B733	D	68.1	70.3	80.2
09-17-2006	DC95	D	74.5	79.3	89.7
09-17-2006	B734	D	69.9	73.5	82.1
09-17-2006	E170	D	67.0	68.8	77.9
09-17-2006	E170	D	67.1	68.5	78.3
09-17-2006	YK40	D	68.7	73.1	84.6

09-17-2006	A320	D	68.2	71.6	80.8
09-17-2006	B733	D	67.3	69.2	79.9
09-17-2006	B734	D	69.8	73.7	83.3
09-18-2006	B733	D	69.3	71.3	81.9
09-18-2006	B734	D	69.1	70.9	81.7
09-18-2006	B734	D	68.1	71.6	81.4
09-18-2006	E170	D	67.0	68.3	78.8
09-18-2006	B737	D	66.8	68.3	77.1
09-18-2006	B734	D	70.3	72.5	82.4
09-18-2006	B735	D	67.2	69.1	78.0
09-18-2006	M339	D	75.0	78.6	92.7
09-18-2006	FA50	D	66.9	69.0	78.2
09-18-2006	B733	D	68.6	70.6	81.5
09-18-2006	B734	D	70.1	73.1	83.6
09-19-2006	E170	D	68.0	69.3	80.2
09-19-2006	E170	D	67.5	70.4	79.7
09-19-2006	B733	D	69.7	72.6	82.9
09-19-2006	E170	D	68.5	70.9	80.7
09-19-2006	YK40	D	68.0	69.8	79.7
09-19-2006	B734	D	66.6	68.5	76.8
09-19-2006	A306	D	69.3	71.3	81.9
				<b>Średnia L<sub>AE</sub></b>	<b>82,56</b>
				<b>Odchylenie stand. σ</b>	<b>1,50</b>
				<b>Przedział ufności Δ</b>	<b>0,16</b>

Poziom równoważny dla pory nocy: L Aeq, LT= 55,14

### Pora nocy

Data i godzina zdarzenia [mm-dd-rrrr]	samolot	operacja*	L <sub>Aeq</sub>	L <sub>Amax</sub>	L <sub>AE</sub>
09-01-2006	B733	A	71.5	74.5	84.3
09-01-2006	B734	A	73.7	79.4	87.6
09-01-2006	B752	A	75.4	79.7	89.3
09-01-2006	A320	A	70.7	73.5	83.7
09-01-2006	B735	A	72.7	75.7	85.0
09-01-2006	A320	A	73.1	76.2	85.7
09-01-2006	A319	A	70.8	73.5	83.4
09-01-2006	AT72	A	72.7	75.9	85.3
09-01-2006	B734	A	73.4	77.8	85.6
09-01-2006	B735	A	72.8	77.1	85.6
09-01-2006	AT72	A	70.9	72.8	83.8
09-01-2006	MD82	A	72.3	75.8	85.8
09-01-2006	A320	A	72.1	75.8	85.9
09-01-2006	AN26	A	70.5	73.9	82.5
09-01-2006	E170	A	69.1	71.3	81.0
09-01-2006	L410	A	67.8	70.0	78.4
09-01-2006	AN26	A	71.6	75.5	83.2
09-01-2006	B734	A	73.4	77.9	86.0
09-01-2006	AN26	A	71.0	74.6	83.7
09-02-2006	B734	D	70.7	73.5	83.9
09-02-2006	B734	A	72.0	74.6	83.8
09-02-2006	T154	D	75.8	80.8	89.0
09-02-2006	B734	D	70.7	74.1	83.7
09-02-2006	B733	A	74.8	78.8	87.7
09-02-2006	B734	A	73.3	77.9	85.4
09-02-2006	B734	A	73.3	78.3	84.7
09-02-2006	B735	A	72.8	76.4	85.7
09-02-2006	A319	A	69.8	72.5	81.6

09-02-2006	B752	A	73.2	76.5	86.4
09-02-2006	MD82	A	70.6	73.4	82.5
09-02-2006	A320	A	71.7	74.5	83.5
09-02-2006	E170	A	70.2	72.5	81.5
09-02-2006	A320	A	72.4	75.3	84.5
09-02-2006	T154	A	77.3	82.2	89.8
09-03-2006	B734	A	72.0	75.1	83.7
09-03-2006	SB20	A	69.2	71.1	80.1
09-03-2006	MD83	A	72.3	75.8	85.0
09-03-2006	YK40	A	72.3	75.7	83.2
09-03-2006	YK40	A	71.7	75.4	82.5
09-03-2006	YK40	A	72.6	75.8	84.4
09-03-2006	B733	A	72.9	76.8	84.6
09-03-2006	B734	A	73.4	76.3	85.0
09-03-2006	B733	A	71.3	74.0	82.7
09-03-2006	B734	A	72.9	76.9	84.8
09-03-2006	DC95	A	73.7	77.1	85.9
09-03-2006	B733	A	72.6	77.2	84.1
09-03-2006	B735	A	74.0	78.5	85.5
09-03-2006	A320	A	71.0	74.7	83.5
09-03-2006	E145	A	68.9	71.2	80.2
09-03-2006	AT72	A	70.9	73.1	82.8
09-03-2006	E170	D	68.6	70.8	80.1
09-03-2006	B735	A	72.8	77.2	84.6
09-03-2006	B734	A	69.2	72.2	79.9
09-03-2006	MD82	A	73.5	76.9	86.5
09-03-2006	B734	A	73.1	76.6	85.2
09-03-2006	A320	A	71.9	75.2	84.5
09-03-2006	B752	A	72.5	76.1	85.9
09-03-2006	A319	A	71.5	75.2	83.5
09-04-2006	B734	A	72.3	74.7	84.1
09-04-2006	B734	A	74.8	79.5	87.8
09-04-2006	B752	A	74.7	78.8	88.8
09-04-2006	B733	A	73.1	77.5	86.2
09-04-2006	A320	A	71.2	74.5	84.7
09-10-2006	B734	D	70.1	72.2	82.9
09-11-2006	B734	D	67.8	68.7	78.2
09-12-2006	AN26	D	74.2	77.6	88.3
09-12-2006	B738	D	67.5	69.1	78.7
09-15-2006	B733	D	68.6	70.9	80.5
09-15-2006	B735	D	68.1	71.8	81.1
09-16-2006	B735	D	67.6	69.6	80.0
09-16-2006	B733	D	69.1	71.7	82.3
09-18-2006	B738	D	68.4	70.9	82.0
09-18-2006	B733	D	69.8	72.4	82.3
09-19-2006	AN26	D	68.9	71.0	82.9
				<b>Średnia <math>L_{AE}</math></b>	<b>83,32</b>
				<b>Odchylenie stand. <math>\sigma</math></b>	<b>1,48</b>
				<b>Przedział ufności <math>\Delta</math></b>	<b>0,43</b>

Poziom równoważny dla pory nocy:  $L_{Aeq}$ ,  $LT= 49,72$