

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

Learjet 45

Type Certificate Holder:

Learjet Inc.

One Learjet Way
Wichita, Kansas 67209-2942
USA

For models : Learjet 45

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Type Certificate Holder* **Learjet Inc.** Aircraft Type Designation* **Learjet 45**

Engine Manufacturer* **Allied Signal** Engine Type Designation* **TFE731-20**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 4** Chapter* **3**

| EASA Record No. | Maximum Mass | | Lateral EPNL | | Flyover EPNL | | Approach EPNL | |
|-----------------|----------------|---------------|--------------|-------------|--------------|-------------|---------------|-------------|
| | Take-off* (kg) | Landing* (kg) | Level* | Limit | Level* | Limit | Level* | Limit |
| A5122 | 9.163 | 8.709 | 85,2 | 94,0 | 75,1 | 89,0 | 93,4 | 98,0 |

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Learjet Inc.** Aircraft Type Designation* **Learjet 45**
(Commercial Designation **Learjet 40**)

Engine Manufacturer* **Allied Signal** Engine Type Designation* **TFE731-20AR(-1B)**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 4** Chapter* **3**

| EASA Record No. | Variant | Maximum Mass | | Lateral EPNL | | Flyover EPNL | | Approach EPNL | |
|-----------------|---------|----------------|---------------|--------------|-------------|--------------|-------------|---------------|-------------|
| | | Take-off* (kg) | Landing* (kg) | Level* | Limit | Level* | Limit | Level* | Limit |
| A6 | XR | 9.752 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |
| A6302 | XR | 9.525 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |
| A5 | | 9.231 | 8.709 | 85,2 | 94,0 | 73,7 | 89,0 | 93,4 | 98,0 |

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Learjet Inc.** Aircraft Type Designation* **Learjet 45**
(Commercial Designation **Learjet 40**)

Engine Manufacturer* **Allied Signal** Engine Type Designation* **TFE731-20BR-1B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 4** Chapter* **3**

| EASA Record No. | Variant | Maximum Mass | | Lateral EPNL | | Flyover EPNL | | Approach EPNL | |
|-----------------|---------|----------------|---------------|--------------|-------------|--------------|-------------|---------------|-------------|
| | | Take-off* (kg) | Landing* (kg) | Level* | Limit | Level* | Limit | Level* | Limit |
| A3808 | XR | 9.752 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |
| A7164 | | 9.752 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |
| A6339 | XR | 9.525 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |

* Items so marked shall be included on EASA Form 45.

Type Certificate Holder* **Learjet Inc.** Aircraft Type Designation* **Learjet 45**
 Engine Manufacturer* **Allied Signal** Engine Type Designation* **TFE731-20R(-1B)**
 Additional modifications essential to meet the requirements or needed to attain the certificated noise levels* **None**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 3 / Amendment 4** Chapter* **3**

| EASA Record No. | Maximum Mass | | Lateral EPNL | | Flyover EPNL | | Approach EPNL | |
|-----------------|----------------|---------------|--------------|-------------|--------------|-------------|---------------|-------------|
| | Take-off* (kg) | Landing* (kg) | Level* | Limit | Level* | Limit | Level* | Limit |
| A3 | 9.752 | 8.709 | 85,1 | 94,0 | 75,5 | 89,0 | 93,4 | 98,0 |

* Items so marked shall be included on EASA Form 45.

Change Record

| Issue | Date | Changes |
|--------------|-----------------|----------------|
| Issue 1 | 08 January 2007 | Initial Issue |
| Issue 2 | 22 March 2007 | Revised |
| Issue 3 | 15 January 2008 | Revised |
| Issue 4 | 21 July 2010 | Revised |