**Airbus A330-300**

# Limits

|  |  |  |
| --- | --- | --- |
| **Category** | **#** | **Weight [LB]** |
| **Max Structural Payload 1)** *(Pax + Cargo, without Fuel)* |  | **92881** |
| **Seat Map (Pax w/o Pilot) 2)** | **335** | **65325** |
| Business Class | 30 | 5850 |
| Economy | 305 | 59475 |
| Remaining Cargo Payload With Full Pax |  | 27156 |
| **Max Payload per Compartment3)** |  |  |
| Max FWD Cargo |  | 50400 |
| Max AFT + Bulk Cargo |  | 48447 |
| **Max Fuel 4)** *(Feed Order: Inner, XFR from Ctr,  if Inner <7720 LB XFR from Outer)* 3) *(Fill Order: L,R Outer -> L,R Inner -> Ctr)* |  | **235304** |
| Center |  | 11000,00 |
| L,R, Inner, each |  | 11095,00 |
| L,R, outer, each |  | 6465,50 |
| **Default Empty CG 4)** |  | **21,4%** |

Sources:  
*1) EASA Type Certificate A330-300, Airliners.net for OEW  
calculated as Maximum Zero Fuel Weight (MZFW) – Operating Empty Weight (OEW)  
2) Airliner.net 2 Class Configuration  
3) Airbus A330 Flight Crew Operating Manual - Fuel  
4) MSFS Fuel Editor*

# Fuel Setups

|  |  |
| --- | --- |
| **Fuel Load** | **[FuelSystem.0]** |
| **Fuel 12%:**  **29285 LB** | Tank.1=0  Tank.2=0.11  Tank.3=0.11  Tank.4=1  Tank.5=1 |
| **Fuel 33%:**  **78347 LB** | Tank.1=0  Tank.2=0.44  Tank.3=0.44  Tank.4=1  Tank.5=1 |
| **Fuel 67% 157144 LB** | Tank.1=0  Tank.2=0.97  Tank.3=0.97  Tank.4=1  Tank.5=1 |

# Max Payload

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Payload** | | **Fuel** | | **CG** | **Comment** | **Tanks** | | |
| ***LB*** | ***%*** | ***LB*** | ***%*** | ***%*** |  | ***L,R Outer*** | ***L,R Inner*** | ***Center*** |
| **92725 Max Payload** | 41,8% | 29285 | **12%** | 30,08% | **Reserve Fuel** | 100% | 11% | 0% |
| 53,6% | 78347 | **33%** | 29,10% |  | 100% | 44% | 0% |
| 98,5% | 157144 | **67%** | 27,92% | **Max Takeoff Weight** | 100% | 97% | 0% |

2 Class Std Seat Map:  
Business 30, Ecnomy: 305

PayloadList= 200.0, 200.0,5850.0,10000.0,59475.0,17000.0

# Light Payload

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Payload** | | **Fuel** | | **CG** | **Comment** | **Tanks** | | |
| ***LB*** | ***%*** | ***LB*** | ***%*** | ***%*** |  | ***L,R Outer*** | ***L,R Inner*** | ***Center*** |
| **46160 Light Payload** | 20,8% | 29285 | **12%** | 26,47% | **Reserve Fuel** | 100% | 11% | 0% |
| 26,7% | 78347 | **33%** | 25,83% |  | 100% | 44% | 0% |
| 49,0% | 157144 | **67%** | 25,08% |  | 100% | 97% | 0% |

2 Class Std Seat Map:  
Business 15/30, Ecnomy: 153/305

PayloadList= 200.0, 200.0,2925.0,5000.0,29835.0,8000.0