

Départs				Departures				出发			
Destination	Vol	Terminal	Atheure	Destination	Vol	Terminal	Atheure	Destination	Vol	Terminal	Atheure
12:20 Paris	AF 1003	2F	Atheure	12:50 Lufthansa	AF 1106	KL 2302	2G	13:20 Manchester	AF 1068	BE 3126	2E
12:25 Amsterdam	AF 1046	DL 8537	2F	12:50 Luxembourg	LG 8014	AF 4002	2G	13:20 Ibiza	AF 1190		2F
12:25 Paris	BA0 2881		Atheure	12:50 Nuremberg	AF 1210	DL 8379	2G	13:20 Ho Chi Minh	AF 258	VN 2106	2E
12:25 Washington DC	UA 914	AC 3023	1	12:50 Zurich	AF 1614	BE 4219	2G	13:20 Londres Heathrow	AF 1780	AM 6023	2E
12:25 Gatwick	BA 348	AF 3760	2E	12:55 Tunis	AF 1702	DL 8035	2G	13:20 Accra	AF 584		2E
12:25 Paris	EW 3407		Atheure	12:55 Venice	AF 1726	CZ 7020	2F	13:20 Paris CDG	DL 8447		2E
12:25 Casablanca	AF 1006	DL 1480	2E	12:55 Sofia	AF 1708	FB 1432	2E	13:20 Accra	2J 1584		2E
12:25 London	AF 1016	DL 8639	2E	12:55 Moscow SVO	AF 1744	DL 8713	2E	13:20 Paris CDG	AZ 333	DL 6640	2F
12:30 Dubai	TK 1028		Embargement	13:00 Xian Xiangyang	HU 7908	Z 1908	2A	13:20 Rome Fiumicino	EI 525		1
12:30 Istanbul Sabiha	TK 1028		Atheure	13:00 Marseille	AF 1664	AM 6155	2F	13:20 Dublin	AF 072	DL 8508	2E
12:30 Athens	AF 1022	DL 8009	2F	13:00 Malaga	UX 1036	AF 5056	2F	13:25 Los Angeles	AF 1528	SU 3193	2F
12:30 Naples	AF 1070	DL 8208	2F	13:00 Charlotte	AA 707	BA 1624	2A	13:25 Porto	AF 1528	SU 3193	2F
12:30 Sofia	AF 1100		2C	13:00 Athens	AF 1432		2C	13:25 Shanghai Pu Dong	MU 554	AF 5200	2E
12:30 Paris Capital	CA 816		1	13:00 Fuzhou	MF 826		2C	13:25 Djeddah	SV 126	AF 6674	2C
				13:00 Toronto	AC 881	ET 1143	2A	13:30 Oakland - USA	DY 7079		1
								13:30 Doncaster	BE 4402		2E
								13:30 Lanzarote	QS 3464		3

This work package applies to type 2 (suborbital long-range high speed transportation) and type 3 (orbital servicing low Earth orbit) vehicles.

You will address one of the following topics:

- Imagine you create a space transportation company dedicated to transport passenger on high-speed long-range flights (type 2 suborbital vehicle, whose main characteristics are given in PDF file below):
 - You will choose and justify air routes to be possibly operated with this type of vehicle, and taking, if needed, different travel classes (First, Business, Economy,...) into account,
 - You will list and detail operations to be conducted during turn-around time (TAT - time between landing and next take-off), and associated necessary time, keeping in mind profitability of the routes without neglecting safety aspects.
 - You will determine the associated design constraints in order to obtain a TAT close to

current long-range aircraft.

Or

- Imagine you create a space transportation company dedicated to transport goods and people (professional or tourists) to a commercial space station in Low Earth orbit (type 3 orbital vehicle

, whose main characteristics are given in PDF file below):

- You will choose and justify whether to use vehicles that carry only passengers or vehicles that can carry both passengers and freight. You will give details of the services associated with the different services you offer,

- You will detail the operations to be carried out after returning to Earth before setting off on a new mission and you will deduce the associated design constraints so that the vehicle's downtime is as short as possible, bearing in mind your company's profitability without neglecting the "safety" aspects.



General characteristics for the reference vehicles:



Upload [PDF](#)

 [Previous WP](#)
[Next WP](#)
[Application form](#)