

Départs				Departures				出发									
	Destination	Vol	Terminal		Destination	Vol	Terminal		Destination	Vol	Terminal						
12:00	Gen	VF 323	2F	A l'heure	12:50	Ljubljana	AF 1106	KL 2302	2G	A l'heure	13:20	Manchester	AF 1068	BE 3126	2E	A l'heure	
12:05	Amsterdam	AF 1106	DL 0537	2F	A l'heure	12:50	Luxembourg	LG 8014	AF 4902	2G	A l'heure	13:20	Ibiza	AF 1190	2F	A l'heure	
12:05	Finn	FIN 2801	2D	A l'heure	12:50	Nuremberg	AF 1210	DL 8379	2G	A l'heure	13:20	Ho Chi Minh	AF 258	VN 2106	2E	A l'heure	
12:05	Washington DC	UA 914	AC 3623	1	A l'heure	12:55	Zurich	AF 1614	BE 4219	2G	A l'heure	13:20	Londres Heathrow	AF 1780	AM 6023	2E	A l'heure
12:05	Center Guangzhou	CZ 348	AF 2760	2E	Embargement	12:55	Tam	AF 1702	DL 8635	2G	A l'heure	13:20	Accra Paris CDG	AF 584	2E	A l'heure	
12:05	Geneva	EW 3407	2E	A l'heure	12:55	Venise	AF 1726	CZ 7020	2F	A l'heure	13:20	Accra Paris CDG	DL 8447	2E	A l'heure		
12:05	Casablanca	AF 1586	DL 1460	2E	A l'heure	12:55	Sofia	AF 1708	FB 1432	2E	A l'heure	13:20	Accra Paris CDG	2J 1584	2F	A l'heure	
12:10	Dublin	AF 1916	DL 8630	2E	A l'heure	12:55	Moscou SVO	AF 1744	DL 8113	2E	A l'heure	13:20	Rome Fiumicino	AZ 333	DL 6640	2F	A l'heure
12:10	London Heathrow	BA 903	1	A l'heure	13:00	Xi An Xuying	HU 7908	ZI 1908	2A	A l'heure	13:20	Dublin	EI 525	DL 8508	1	A l'heure	
12:10	Alger	AF 1632	DL 9089	2F	A l'heure	13:00	Marseille	AF 1644	AM 6155	2F	A l'heure	13:25	Los Angeles	AF 072	DL 8508	2E	A l'heure
12:10	Naples	AF 1578	DL 8398	2C	A l'heure	13:00	Malaga	UX 1636	AF 5566	2F	A l'heure	13:25	Porto	AF 1528	SU 3193	2F	A l'heure
12:10	Sofia	AF 1106	1	A l'heure	13:00	Charlotte	AA 707	BA 1624	2A	A l'heure	13:25	Shanghai Pu Dong	MU 554	AF 5200	2E	A l'heure	
12:10	Peter Capital	CA 876	2G	A l'heure	13:00	Althaus	AF 1432	2F	A l'heure	13:25	Djeddah	SV 126	AF 6674	2C	A l'heure		
					13:00	Fuzhou	MF 826	2C	A l'heure	13:30	Oakland - USA	DY 7079	2E	A l'heure			
					13:00	Tripoli	AC 881	ET 1143	2A	A l'heure	13:30	Doncaster	BE 4402	3	A l'heure		
										13:30	Lanzarote	QS 3464	2F	A l'heure			

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:

1. 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:



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