



VESMÍRNÝ ZÁVOD

Jan Hrbáček

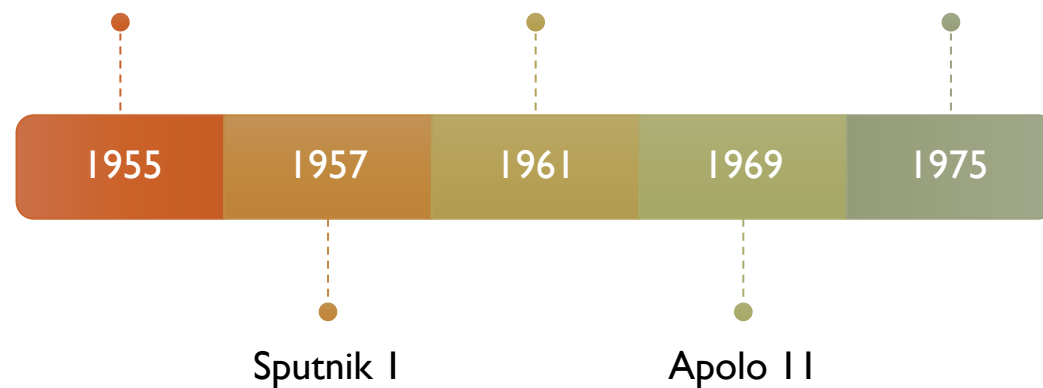


ČASOVÁ OSA

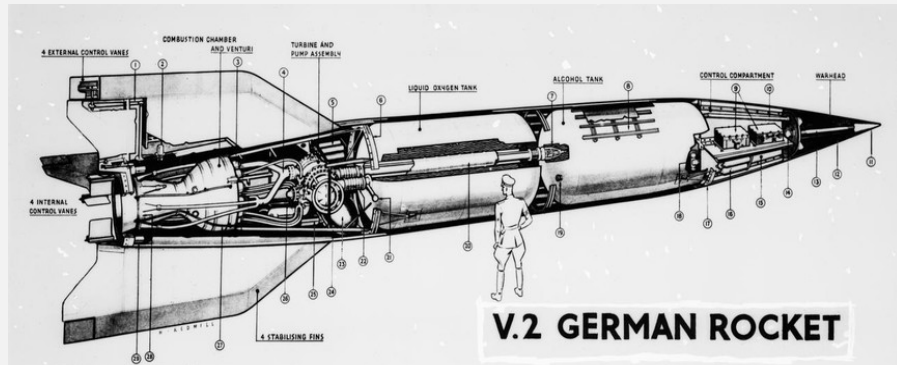
Americké prohlášení

Vostok I

Apollo-Sojuz



POČÁTKY



V.2 GERMAN ROCKET

- | | | | |
|---|--|---|---|
| 1 CHAIN DRIVE TO EXTERNAL CONTROL VALVES. | 9 RADIO EQUIPMENT. | 16 NITROGEN BOTTLES. | 24 TUBULAR FRAME HOLDING TURBINE AND PUMP ASSEMBLY. |
| 2 ELECTRIC MOTOR. | 10 PIPE LEADING FROM ALCOHOL TANK TO WARHEAD. | 17 FRONT JOINT RING AND STRONG POINT FOR TRANSPORT. | 25 PERSULFATE TANK (GAS GENERATOR UNIT BEHIND THIS TANK). |
| 3 BURNER CUPS. | 11 NOSE PROBABLY FITTED WITH NOSE SWITCH OR OTHER DEVICE FOR OPERATING WARHEAD FUZE. | 18 PITCH AND AZIMUTH GYROS. | 26 OXYGEN DISTRIBUTOR FROM PUMP. |
| 4 ALCOHOL SUPPLY FROM PUMP. | 12 CONDUIT CARRYING WIRES TO NOSE OR WARHEAD. | 19 ALCOHOL FILLING POINT. | 27 ALCOHOL PIPES FOR SUBSIDIARY COOLING. |
| 5 AIR BOTTLES. | 13 CENTRAL EXPLORER TUBE. | 20 DOUBLE WALLED ALCOHOL DELIVERY PIPE TO PUMP. | 28 ALCOHOL INLET TO DOUBLE WALL. |
| 6 REAR JOINT RING AND STRONG POINT FOR TRANSPORT. | 14 ELECTRIC FUZE FOR WARHEAD. | 21 OXYGEN FILLING POINT. | 29 ELECTRO HYDRAULIC SERVO MOTORS. |
| 7 SERVO-OPERATE ALCOHOL OUTLET VALVE. | 15 PLYWOOD FRAME. | 22 CONCERTINA CONNECTIONS. | |
| 8 ROCKET SHELL CONSTRUCTION. | | 23 HYDROGEN PEROXIDE TANK. | |

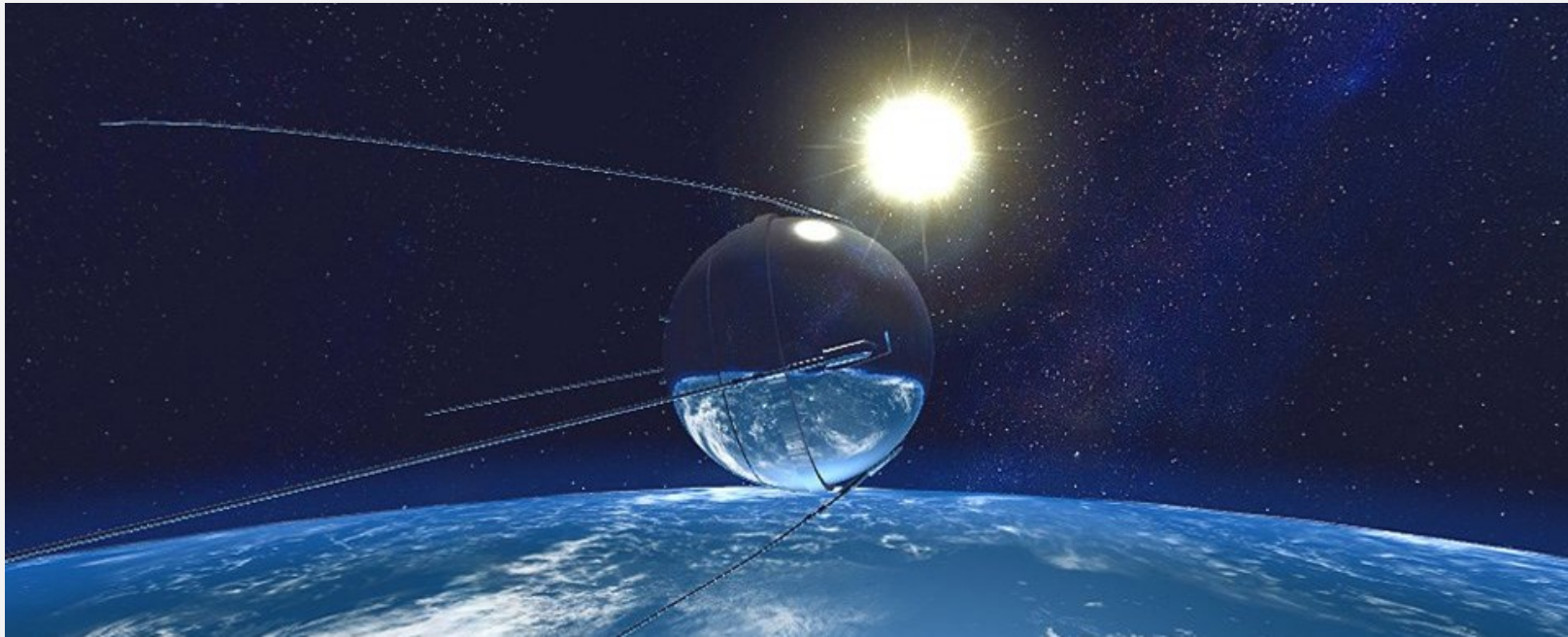
IWM



WERNHER VON BRAUN / SERGEJ KOROLJOV



SPUTNIK I (1957)



SPUTNIK II (1957)



NEDĚLINOVA KATASTROFA (1960)



JURIJ GAGARIN (1961)



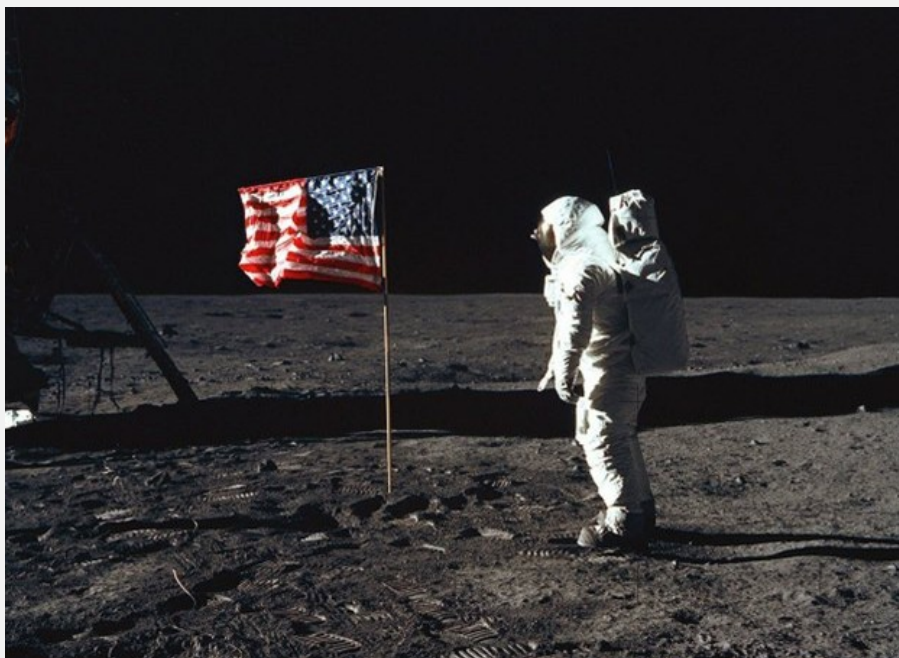
KENNEDYHO VÝZVA



APOLO II



ZBYLÉ CESTY NA MĚSÍC



SOJUZ-APOLLO (1975)



VYNÁLEZY

- Polštář z paměťové pěny
- Ochrana potravin před kontaminací
- Tenisky s podrážkou absorbující nárazy
- Meteorologické družice
- Satelitní navigace
- Miniaturní kamera
- Skla chráňena proti poškrábání

