



Space X

'alemanaka



Space'imi loa i ka lewa & panalā'au mua Humankinds Lokomaika'i!

Space-'imi loa i ka lewa manawa-laina

A4 i ka ho'omaka o Humankind ka Lokomaika'i ... I kakahiaka -64 (1940 o ka) humankind (Europa'āina a pau) i kona 1ST pani i Space'imi loa i ka lewa ma ka ulu i ka Rocket (A4) i hiki ke lawe i ka payload. A nui scientific e pi'i like ia ma ma ka hewa Kalaiaina

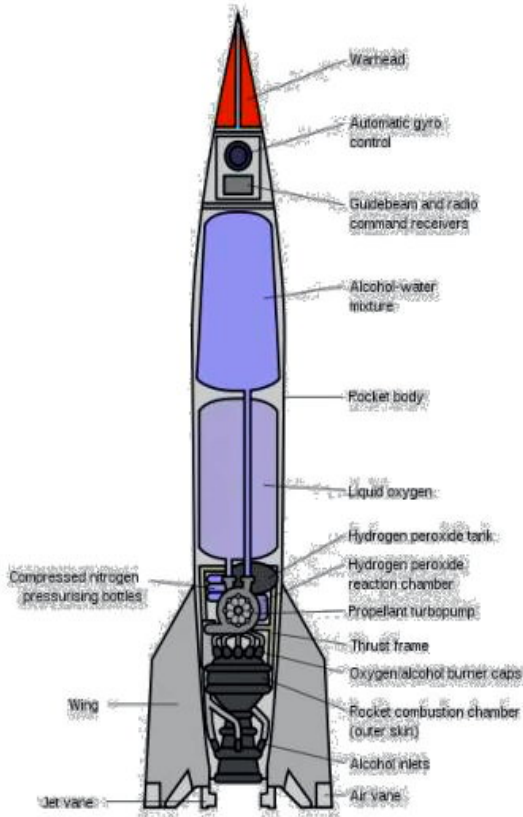


Alaka'i! A4 inoa V-2 rocket (Kelemānia: Vergeltungswaffe 2) ua ka ballistic Kao lele lako kua me kanaka i mea e loa'a ai iiaciie orbital pokole mahuka ana.



Ke 14m V-2 rocket ua propelled ma ka wai'ona & wai a ka oxygen wahie i ka ki'eki'ena o 90km i ka māmā holo o ka 5400km / h me ka laulā o ka 320 ei & he 740 kg haawe ana. All kēia rockets me ka Saturn V mahina rocket i ka nānā 'ana ma luna o ka A4 mana'o.

Ma hope o ke Kaua Honua II oAaEeleIAaAeO.



I ka pau ana o ke kaua, he heihei hoomaka ma waena o ka'Amelika Hui Pū'ia a me ka USSR, e loa'a nā like na V-2 rockets & kookoo i hiki. Ka USSR hoopio i ka helu o ka V-2 ka & kookoo, hookuu ia kau i ma ka Hikina Kelemania, no kekahi manawa. I ka MH 1946 ka mea, he poe e ne'e i Kapustin Yar i loko o ka USSR.



V-2

Na US pio & laila, pū'ali koa i mea Kelemānia nā kānaka'enehana a ho'ouana ma ka moku ia me ka V-2 māhele i ka'Amelika Hui Pū'ia.

Ke US Aupuni haawii German knowhow i ka'ilio Profiteers. Pela no ka mea, ke loa ka lanakila & ho'okokōhi'ē a'e nā no'eau ho'okele waiwai.

Ke koa ho'ohana i kēia aihueia ike no ka Mea Maluna Iho & Minuteman alaka'i nenoai & PGM-11 Redstone rocket. A mamo o ka V-2. Ka V-2s wālua i ke ala no ka 'Amelika la'imi loa i ka lewa.



A pae o ka pono ma lalo o 250 nā kānaka'enehana kūkulu i ka 1st Soviet Kao lele lako kaua me ka R1, he'ia kekahi mau mea o ka V-2. Ua hahai ke R1 ma, R2 R5, ma muli ma ka palena manawa no ka V-2 'enehana. Ka Europa mau (Lūkini, kēia kanaka Kelemānia)

ike aku la i ka lehulehu noi o kēia 'enehana: Space'imi loa i ka lewa.

Sputnik 1 Orbiter ukali nu'ukia

Sputnik 1 ka lani a 1st Honua orbiting'imi ho'opunipuni ukali (He pā'umi wale 83 kg) i i ee aku ma luna o ka 2 ke kahua Ho'ololi 'R7 rocket

(Sputnik rocket) ma October 4, 1957 mai ka paena 1, 5th Tyuratam huahelu, kokoke Baikonur aneea oneiaey Europa'aina a pau.

Ua lawe aku ke ana wela a me ka mau Radio transmitters. Na Sputnik 1 ukali o ka 58cm Aluminum poepoe he 4 ma 2m lō'ihī hahau e like antennas. Sputnik i'ikepili ma ka hoaka o ka lewa, ahu iho o ka pa apŔ & Radio neaiaea hoi o ka makana. Sputnik kinoa Radio lepa ma



20,005 & 40,002 MHz no 22 lā ka wā kona iuo aaoa? Hele make.

Orbital kiko'i:

Periapsis 215km, Apoapsis 939km, Wā 96,2 minuke, Inclination 65,1 °, Eccentricity 0,05201, Regions kaahele aku la oia

Sputnik ka orbiting māmā holo ua 29.000 ei no hora. Ua hoopuni honua kela 96,2 minuke. Ua orbited Honua ma kahi o 1400 manawa. Kona ka Astronomical ho'omaka 'emi ma hope o 92 lā Sputnik hou komo Honua lewa & puhi i ke ahi. Ka inoa Sputnik hele mai ana, mai ka Lūkini hua'ōlelo no "holo hoa o ko ke ao nei".

Ionosphere

Sputnik 2 Orbiter ukali nu'ukia

Sputnik 2 i ka 2nd spacecraft ee i Honua ka Astronomical, November 3, 1957, i ka 1st e lawe i ka holoholona ola, he ilio o Laika. Sputnik 2 ua he 4-mika ki'eki'e, ho'opu'upu'u ho'okino mea hō'ike'ike'u'uku me ke kumu o ka 2 mika (Anawaena) . Ua na compartments no



Radio transmitters, telemetry nenoaiu, iaaiey pa alima, he noho & wela hooponopono'ōnaehana no ke kāpena, a'epekema kani. A ho'oka'awale sila kāpena kakauia'i maluna Laika. Sputnik 2 ia akulla ka Honua mau waho pāhawewe kā'ei ma kahi loihi akau lakikū. Enekinia, & liluwelo ikepili i ho'īli ho'ohana 'ana i ka Trial D telemetry'ōnaehana, i makemake ke ho'ouna i'ikepili i ka Honua i ka 15 minuke au ma kēlā me ka Astronomical. 2 photometers ua ma luna o ka moku no ana pāhawewe lā (ultraviolet & m-Ray nā ea puka) & cosmic kukuna. Sputnik 2 i ole no ke kīwī pahupa'iwikiō. Thermal'pale haehae iho la e wehe ai ma o na la Kalaiaina mahana, e hiki 40 ° C. Ua ho'one'e 'ia paha Laika ola no wale i kekahi mau hola kahi o ka n ieaie? 10 lā no ka mea, o ka wela. na ka Astronomical

o Sputnik 2 e amo & ia reentered Honua ka lewa ma luna o 14 April 1958 ma hope o 162 lā i loko o ka Astronomical.

Sputnik 5 hope ma ka polokalamu ee 08/19/1960 ka 1st makahiki lele i maoli hoi hope 1 lā orbiting ola mea (2dogs, 2rats, 40'iole, mea kanu) unharmed i ka Honua.

Luna 2 (E-1a mo'o) I Helu Impactor

Luna 2 i ka pololei ala i ka Moon. huakai It ka i 36 hola. Luna 2 ua i ka 1st

spacecraft e pae ma ka mahina o ka ili honua. Ma September 14, 1959 ia hopena i hō'ike'ia ma ka hikina o ka Male Imbrium kokoke na craters Aristides, Archimedes & Autolycus. Ke spacecraft lawe 3 Soviet pennants. 1 o ia hopena i hō'ike'ia ma luna o ka Moon.



Vostok 1 (Vostok-3KA la he mea hō'ike'ike'u'uku) 1st Man i loko o ka Astronomical



Vostok 1 ka 1st Soviet (Europa) polokalamu, e hoouna aku i kekahi kanaka i loko o Space ka Astronomical. Vostok 3KA makahiki mea hō'ike'ike'u'uku i ee 12 April 1961, mai Baikonur Cosmodrome me ka Cosmonaut. i ka 1st kanaka (HE) e hele i loko o pā a puni.



Ka hana o lakou o ka spherical kaolo Module (Anawaena 2.3 mika, nuipa a 2,46 tons) , A neo? Aiiiai? He cosmonaut, mea, e pakele ai nenoaiu, a me ka conical mea kani Module (nuipa

Mission mau ae la ia 108 minuke mai Launch i ka awa. Ua ua he hookahi orbital pokole holo ana a puni Honua. Skimming ka luna lewa ma 327 ei (Apogee)

2,27 tons, 2.25 ka m loa, 2,43 ka m ka laula) . E paa ana a'e paha & ka engine nenoaiu. Ma reentry, ka cosmonaut i kipaku'ia akula, mai ka hana ma kahi o 7,000 m + ili Via parachute. Ka mea hō'ike'ike'u'uku makemake pae kaawale.

& 169 ei (Perigee) kona haahaa wahi.



Vostok 6 (Vostok-K 6K72K la he mea hō'ike'ike'u'uku) 1st Woman i loko o ka Astronomical

la cosmonaut ka 1stst wahine e lele i ka lewa, i ka wa ia a hemo aku ma Vostok 6 nu'ukia June 16, 1963, mai ka Baikonur Cosmodrome.

Ua ho'opa'a'ia'ane'ane 3 lā (19 June 1963) ma ka makahiki, a orbited Honua 48 (Geocentric haahaa Honua) manawa ma ia ia i manawa mea hō'ike'ike'u'uku.

Mission lō'ihī like 'ole: 2 lā, 22 hola 50 minuke. **Orbits pau:** 48

Eccentricity: 0,00365 ~ **Perigee:** 164 ei ~ **Apogee:** 212 ei ~

Inclination: 65 09 degere ~ **manawa:** 88 25 minuke ~

ana nou: 16 June 1963 05:36:00 UTC

Aia mea, aole wahi kaawale no ka lawe wale i loko o
Space-imi loa i ka lewa &

Space-colonization



. Ka pau.