



Novus

STELLASTONE
DOCUMENTS DE MAQUETTE DU LOGICIEL

2022-2023

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1 INTRODUCTION

1.1 OBJECT DU DOCUMENT

1.2 REFERENCE

2 AUTHENTICATION

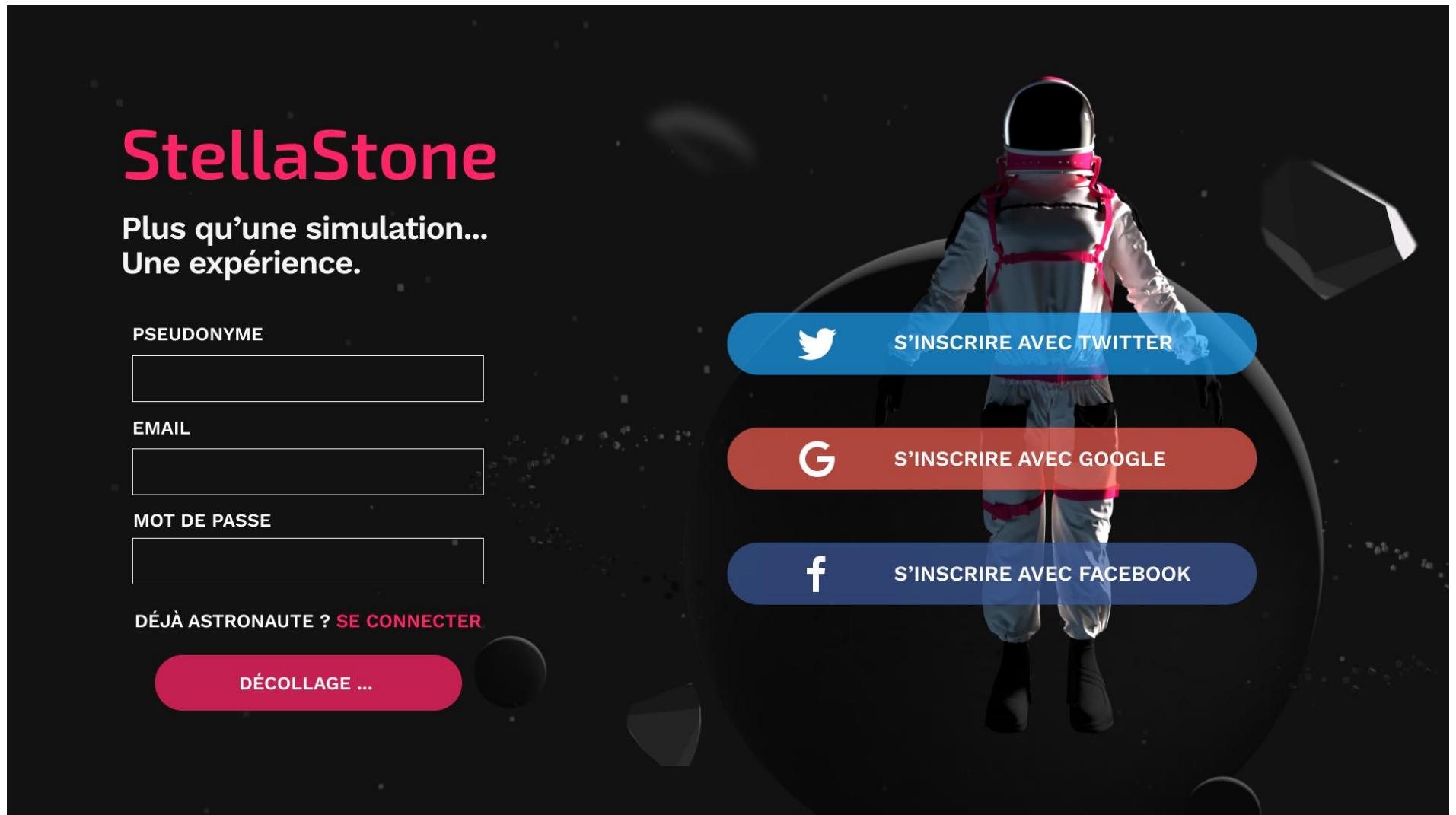


Figure 1: A000-0

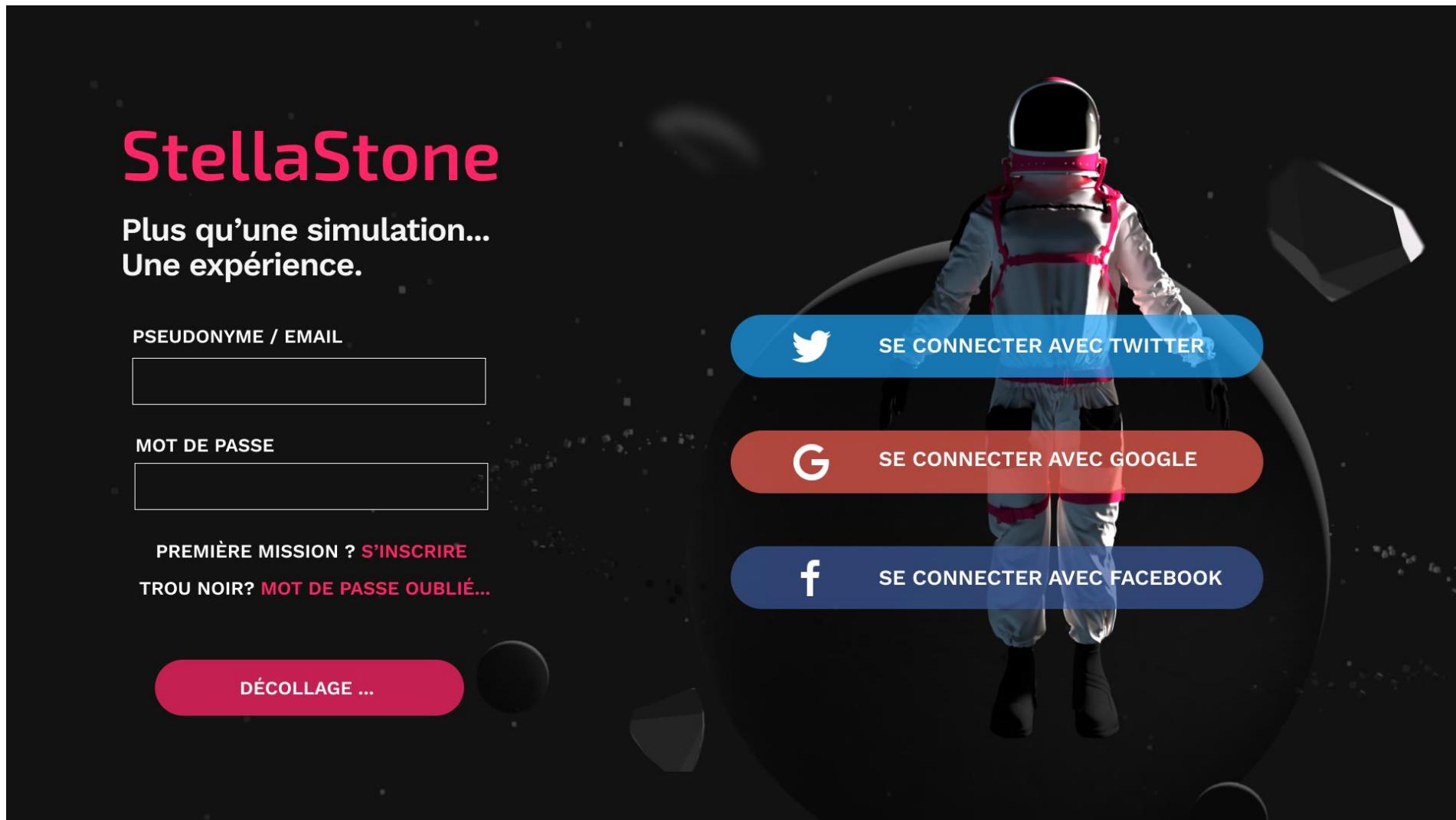


Figure 2: A000-I

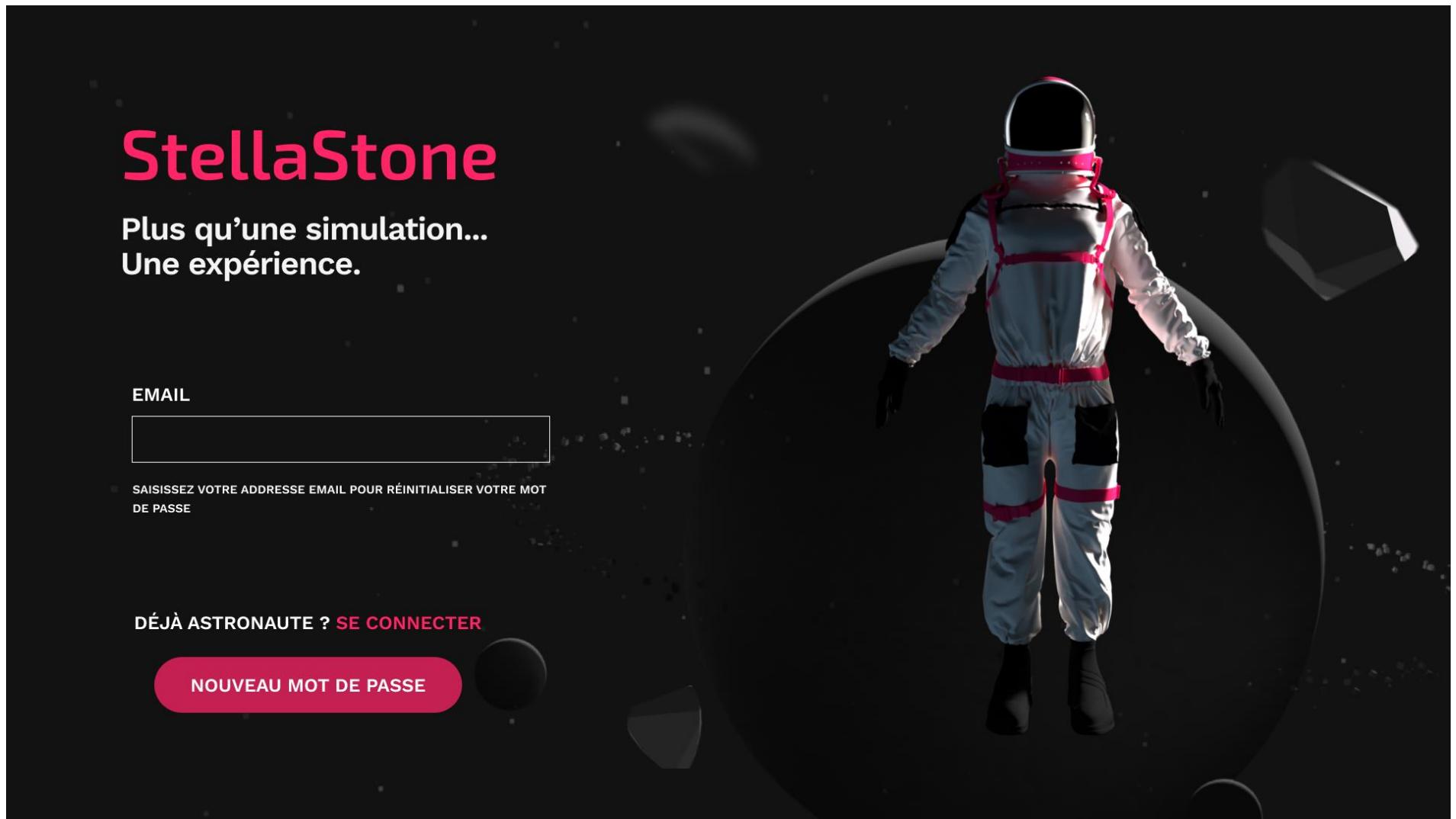


Figure 3: A000-2

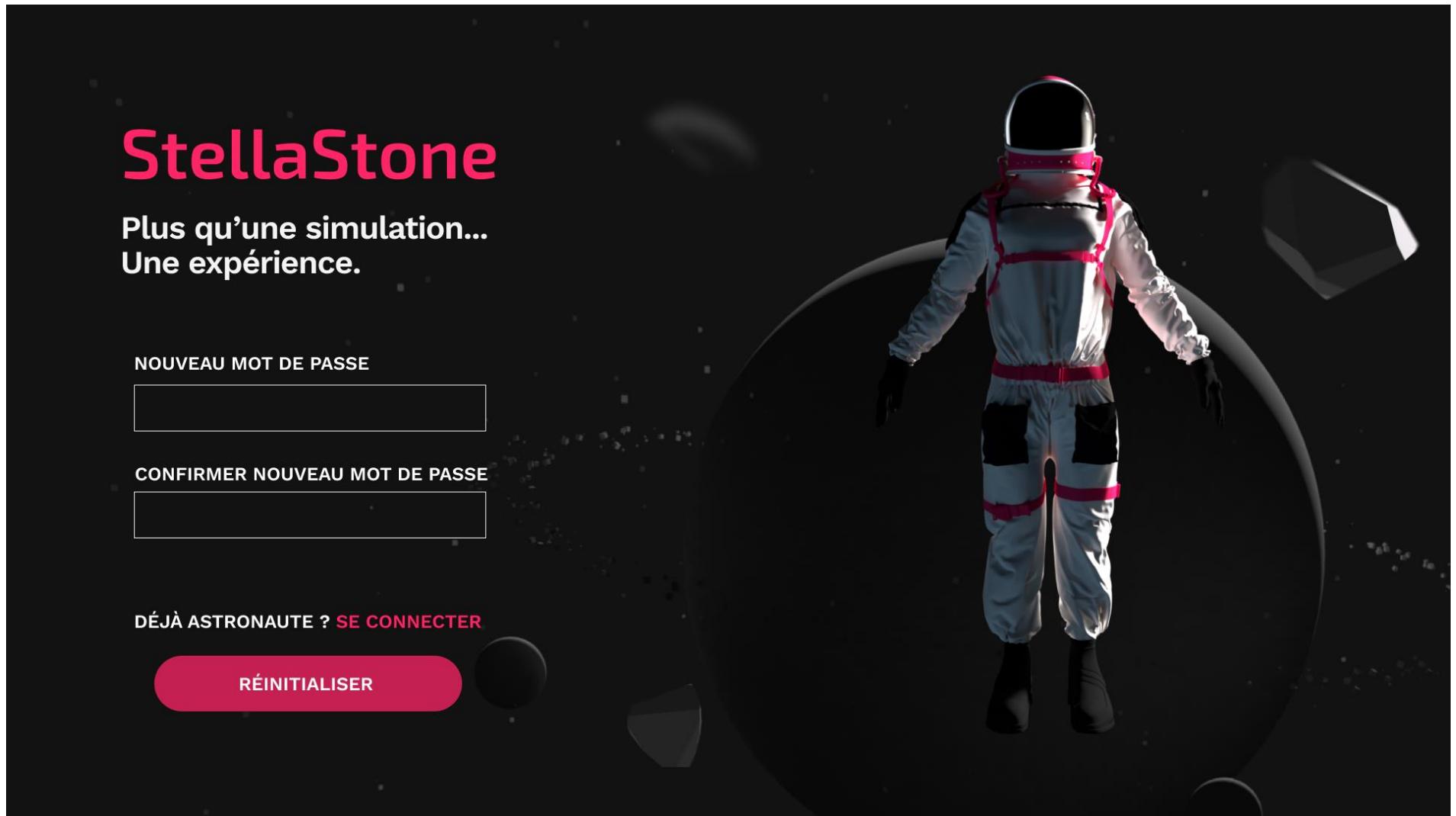


Figure 4: A000-3

3 ACCUEIL

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane with an edit link. Below it is a section titled "COLLABORATEURS" listing users: Ghilas Meziane (Déconnecté), Idriss Benguezzou (Connecté), Mohammed Rouabah (Déconnecté), and Illyes Zeghdalou (Connecté). To the right is a search bar with the placeholder "Zes" and a list of profiles: Idriss Benguezzou (@zestones), Ghilas Meziane (@cheb_khalass), Mohammed Rouabah (@mamio), and Space X. The Space X profile has a "Rejoindre" button. In the center is a large 3D model of a white rocket ship. To the right are several status indicators: Vitesse d'inertie (7.68 km/s), Etagement (4), Apogee (404.4 km), Perigee (389.4 km), Inclination (51.67°), and Range to ISS (0.02 km). At the bottom is a navigation bar with links: Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout. A "ATELIER" button is also visible.

Ghilas Meziane [Editor le profil](#)

COLLABORATEURS

Utilisateur	Statut
Ghilas Meziane	Déconnecté
Idriss Benguezzou	Connecté
Mohammed Rouabah	Déconnecté
Illyes Zeghdalou	Connecté

[DÉPART FRANCE](#) [ARRIVÉE](#) [Choisir la destination](#)

Zes

Utilisateur	Statut	Actions
Idriss Benguezzou @zestones	Connecté	Inviter Suivre
Ghilas Meziane @cheb_khalass	Connecté	Inviter Suivre
Mohammed Rouabah @mamio	Connecté	Inviter Suivre
Space X		Rejoindre

Vitesse d'inertie: 7.68 km/s

Etagement: 4

Apogée: 404.4 km

Perigée: 389.4 km

Inclinaison: 51.67°

Range to ISS: 0.02 km

[ATELIER](#)

[Général](#) [Nouvelle mission](#) [Atelier](#) [Profil](#) [Entreprise](#) [Réseau spatial](#) [Map](#) [Chat](#) [Logout](#)

Figure 5: H000-0

The screenshot shows the StellaStone application interface. At the top left is a user profile for Ghilas Meziane with an edit link and a military-style rank icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned at the top center. On the right side, there is a world map showing satellite or orbital data.

COLLABORATEURS

Collaborateur	Statut
Ghilas Meziane	Déconnecté
Idriss Benguezzou	Connecté
Mohammed Rou...	Déconnecté
Illyes Zeghdalou	Connecté

Below the collaborator list are four communication icons: a phone, a microphone, headphones, and a speech bubble.

MISSION PATH

DÉPART FRANCE → ARRIVÉE

[Choisir la destination](#)

SPACE SHUTTLE

A large 3D model of a space shuttle with two solid rocket boosters and a white external fuel tank is centered in the background.

MISSION PARAMETERS

Vitesse d'inertie	7.68 km/s
Etagement	4
Apogee	404.4 km
Perigee	389.4 km
Inclinaison	51.67°
Range to ISS	0.02 km

ATELIER

At the bottom, a navigation bar includes links for Général (highlighted), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 6: H001-0

The screenshot shows the StellaStone application interface. On the left, there is a dark sidebar containing a user profile for Ghilas Meziane, a search bar, and a list of messages from users like Ghilasinho, zestones, and mamio. A text input field with a blue arrow icon is at the bottom of the sidebar. The main workspace on the right features a large 3D model of a space shuttle with two solid rocket boosters and a white external fuel tank. To the right of the shuttle, there is a world map with numerous small dots representing satellite locations. Below the shuttle, several performance metrics are displayed with sliders:

- Vitesse d'inertie: 7.68 km/s
- Etagement: 4
- Apogee: 404.4 km
- Perigee: 389.4 km
- Inclination: 51.67°
- Range to ISS: 0.02 km

At the bottom of the workspace, there is a button labeled "ATELIER". At the very bottom of the screen, a navigation bar contains icons for General (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 7: H001-1

The screenshot shows the StellaStone interface with a central modal dialog titled "CHOIX DE LA DESTINATION". Inside the dialog, there is a sub-dialog titled "CHOISIR UNE DESTINATION" with a dropdown menu containing "LUNE", "MARS", and "SATURNE". A "VALIDER" button is at the bottom right of the sub-dialog. The background of the main screen features a dark theme with a world map of satellite constellations, a 3D model of a rocket ship, and various user interface elements like a search bar, a "COLLABORATEURS" section, and a "MISSIONS" section.

COLLABORATEURS

Ghilas Meziane	Déconnecté
Idriss Benguezzou	Connecté
Mohammed Rou...	Déconnecté
Ilyes Zeghdalou	Connecté

MISSIONS

DÉPART: FRANCE | ARRIVÉE: [empty]

Rechercher...

Vitesse d'inertie: 7.68 km/s

Etagement: 4

Apogée: 404.4 km

Perigée: 389.4 km

Inclinaison: 51.67°

Range to ISS: 0.02 km

CHOIX DE LA DESTINATION

LUNE
MARS
SATURNE

VALIDER

ATELIER

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 8: H002-0

The screenshot shows the StellaStone web application interface. At the top left is a user profile for Ghilas Meziane with a "Collaborateurs" section listing other users and their connection status. A search bar is at the top right. In the center is a large 3D model of a space shuttle with two solid rocket boosters and a fuel tank. To the right of the shuttle are several performance metrics with sliders: Vitesse d'inertie (7.68 km/s), Etagement (4), Apogee (404.4 km), Perigee (389.4 km), Inclination (51.67°), and Range to ISS (0.02 km). On the far left, there's a "DÉPART FRANCE" icon and an "ARRIVÉE MARS" icon with a "Choisir la destination" button. Below these are "TEMPS ESTIMÉ" (258 jours) and a "LANCEMENT DE LA MISSION NOUJOUМ" button. At the bottom is a navigation bar with icons for Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout. A "ATELIER" button is located on the right side of the bottom bar.

Ghilas Meziane

Editer le profil

COLLABORATEURS

Ghilas Meziane ● Déconnecté

Idriss Benguezzou ● Connecté

Mohammed Rou... ● Déconnecté

Ilyes Zeghdalou ● Connecté

DÉPART
FRANCE

ARRIVÉE
MARS

Choisir la destination

TEMPS ESTIMÉ
258 jours

LANCEMENT DE LA
MISSION NOUJOUМ

Vitesse d'inertie 7.68 km/s

Etagement 4

Apogee 404.4 km

Perigee 389.4 km

Inclination 51.67°

Range to ISS 0.02 km

ATELIER

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 9: H002-I

The screenshot shows the StellaStone application interface. At the top left is a user profile for Ghilas Meziane with an edit link and a rank icon. A search bar is at the top right. Below the header, a sidebar on the left lists "COLLABORATEURS" with status indicators (Déconnecté or Connecté) for Ghilas Meziane, Idriss Benguezzou, Mohammed Rou..., and Illyes Zeghdallou. It also includes communication icons for phone, microphone, headphones, and messaging. A map icon indicates a mission from "DÉPART FRANCE" to "ARRIVÉE MARS". A red button says "Choisir la destination". A checked checkbox says "TEMPS ESTIMÉ 258 jours". A white box labeled "LANCER LA MISSION NOUJOUN" is visible.

A central modal dialog titled "NOUVELLE MISSION" is open. It has a text input field for "NOM DE LA MISSION" which is currently empty. Below it is a checkbox labeled "INVITER LES MEMBRES DE VOTRE ENTREPRISE.". At the bottom of the dialog are two buttons: "MODE AVENTURE" and "MODE REALISTE". A note below the buttons says "LA MISSION EN COURS EST SAUVEGARDÉ AUTOMATIQUEMENT."

In the center of the screen is a 3D model of a white and black rocket ship.

To the right of the dialog, there is a world map and several mission parameters with sliders:

- Vitesse d'inertie: 7.68 km/s
- Etagement: 4
- Apogee: 404.4 km
- Perigee: 389.4 km
- Inclinaison: 51.67°
- Range to ISS: 0.02 km

A "ATELIER" button is located in the bottom right corner of the main interface area.

At the very bottom, a navigation bar contains links: Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 10: H003-0

The screenshot shows the StellaStone web application interface. At the top left is a user profile for Ghilas Meziane with an edit link and a military-style rank icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned at the top center. On the right side, there is a world map icon.

In the upper left, under "COLLABORATEURS", there is a link to "Rejoindre une entreprise".

On the left, there is a vertical navigation bar with icons for "DÉPART" (departure) and "ARRIVÉE" (arrival), and a button labeled "Choisir la destination" (Select destination).

The central feature is a large white button with the text "NOUVELLE MISSION" (New Mission) in purple and pink. Behind it is a 3D rendering of a space shuttle launching from a launch pad.

To the right of the shuttle, several mission parameters are displayed as sliders with their current values:

- Vitesse d'inertie: 7.68 km/s
- Etagement: 4
- Apogee: 404.4 km
- Perigee: 389.4 km
- Inclination: 51.67°
- Range to ISS: 0.02 km

At the bottom, a navigation bar contains icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 11: H004-0

The screenshot shows the StellaStone application interface. At the top left is a user profile for Ghilas Meziane with an edit link and a purple rank icon. A search bar with placeholder text "Rechercher..." is positioned at the top center. On the right side, there's a world map showing satellite locations.

COLLABORATEURS

A message "Rejoindre une entreprise." is displayed. Below it, a vertical path icon shows a green circle at the top labeled "DÉPART" and a white circle at the bottom labeled "ARRIVÉE". A red button labeled "Choisir la destination" is located next to the path icon.

The central feature is a large 3D model of a Space Shuttle with two solid rocket boosters and a white external fuel tank.

On the right, several input fields with sliders are shown:

- Vitesse d'inertie
- Etagement
- Apogee
- Perigee
- Inclination
- Range to ISS

Each field has a question mark icon to its right. At the bottom right, a white button labeled "ATELIER" is visible.

At the very bottom, a navigation bar contains icons for General (selected), New mission, Workshop, Profile, Company, Space network, Map, Chat, and Logout.

Figure 12: H005-0

The screenshot shows the StellaStone application interface. At the top left is a user profile for Ghilas Meziane with a "Ghilas Meziane" name and a "Editer le profil" button. Next to it is a search bar with the placeholder "Rechercher...". On the right side, there is a world map showing satellite locations.

COLLABORATEURS

Utilisateur	Statut
Ghilas Meziane	Déconnecté
Idriss Benguezzou	Connecté
Mohammed Rou...	Déconnecté
Ilyes Zeghdalou	Connecté

Below the collaborator list are four communication icons: a phone, a microphone, a headphones, and a speech bubble.

DÉPART (FRANCE) is connected to **ARRIVÉE**. A button labeled "Choisir la destination" is available.

A large central image of a white space shuttle with orange and grey accents is displayed against a dark background.

On the right side, several flight parameters are listed with sliders:

- Vitesse d'inertie: 7.68 km/s
- Etagement: 4
- Apogee: 404.4 km
- Perigee: 389.4 km
- Inclination: 51.67°
- Range to ISS: 0.02 km

An "ATELIER" button is located at the bottom right.

At the very bottom, a navigation bar includes links for Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 13: H005-1

4 PROFIL

The screenshot shows a user profile for "Mohammed Rouabah" (mamio) on the StellaStone platform. The profile includes a profile picture of an astronaut, a bio stating "Passionné d'espace je suis le futur amstrong !", and a "SUIVRE" button. A modal window titled "356 ABONNES" displays a list of 356 followers, each with a profile picture, name, bio, and a "Suivre" or "Abonné" button. The followers listed are Idriss Benguezzou (@zestones), Ilyes Zeghdellou (@zegdada), and Mohammed Rouabah (@mamio). Below the follower list is a post featuring a Mars image with 329 comments, 142 shares, and 1253 likes. The bottom navigation bar includes links for Général, Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Mohammed Rouabah

Editer le profil

Rechercher...

Ghilas Meziane

Cheb khalas

SUIVRE

356 ABONNES

Idriss Benguezzou
@zestones

Passionné d'espace je suis le futur amstrong !

Suivre

Ilyes Zeghdellou
@zegdada

Passionné d'espace je suis le futur amstrong !

Suivre

Mohammed Rouabah
@mamio

Passionné d'espace je suis le futur amstrong !

Abonné

POSTER

329

142

1 253

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 14: P001-0

The screenshot shows a user profile for "Mohammed Rouabah" (mamio). The profile includes a circular icon of an astronaut, a bio "Passionné d'espace je suis le futur amstrong !", and a "SUIVRE" button. A modal window titled "102 ABONNEMENTS" lists three subscribers:

- Idriss Benguezzou (@zestones) - Abonné
- Ilyes Zeghdellou (@zegdada) - Abonné
- Mohammed Rouabah (@mamio) - Abonné

Below the modal is a post featuring a Mars image with 329 comments, 142 shares, and 1,253 likes. The navigation bar at the bottom includes icons for Général, Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 15: P001-1

The screenshot shows the StellaStone application interface. At the top left is the user's profile picture (a green circle with a white robot icon), name (Mohammed Rouabah), and a "Edit profile" button. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned above the main content area. The main content area features a user profile for "Ghilas Meziane" (Cheb khalas) with a circular profile picture of a person in a space suit. Below the profile picture are the numbers "102 Abonnements" and "356 Abonnés". A blue "SUIVRE" button is to the right. A bio box contains the text "PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR" and "AMSTRONG". Below the bio are tabs for "Stellas" (highlighted in pink), "Statistiques", "Invitation", and "Sauvegarde". A message from "Idriss Benguezzou" (@zestones) is displayed, stating "Vous avez restellas" and "Nouvelle mission pour l'entreprise Novus, décollage Lundi 07 Novembre ! Direction la planète Mars !!". The message includes a small profile picture of a person in a space suit, the date "31 oct. 2022", and a three-dot menu icon. At the bottom of the message is a thumbnail image of a planet (Mars) against a starry background. Below the message are interaction counts: 329 comments, 142 shares, and 1 253 likes. A large 3D model of a person in a white and red space suit stands on the right side of the screen. The bottom navigation bar includes icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout". On the far left, there is a "POSTER" button with a plus sign inside a blue circle.

Figure 16: P002-0

The screenshot shows the StellaStone game interface. At the top left is the user's profile picture and name, "Ghilas Meziane", with a "Edit profile" button and a blue and white rank icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned above the main content area. The main profile section features a large circular icon with a cartoon character, the name "Ghilas Meziane", the alias "Cheb khalas", and statistics: "102 Abonnements" and "356 Abonnés". Below this is a bio box containing the text "PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR AMSTRONG". On the right side of the screen, there is a 3D model of an astronaut in a white suit with red accents. The central part of the screen displays a "Missions" section with a count of "676" and two progress bars: one red bar at 52% labeled "352 échecs" and one green bar at 48% labeled "324 réussites". At the bottom, a navigation bar includes icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 17: P003-0

The screenshot shows the StellaStone application interface. At the top left is the user's profile picture and name, "Ghilas Meziane", with a "Editer le profil" link and a blue shield icon. A search bar with the placeholder "Rechercher..." is positioned above the main content area. The main profile card for "Ghilas Meziane" includes a circular profile picture, the name "Ghilas Meziane", the alias "Cheb khalas", 102 subscribers, 356 subscriptions, and a bio box stating "PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR AMSTRONG". Below the profile card is a navigation menu with tabs: "Profile" (highlighted with a red arrow), "Entreprise", "Réseau spatial", "Stellas", "Statistiques", "Invitation" (highlighted in red), and "Sauvegarde". A vertical scroll bar is visible on the right side of the content area. In the center, there is a notification from "Idriss Benguezzou @zestones" dated "31 oct. 2022" inviting the user to join their company "einStone". The invitation buttons are "REFUSER" (red) and "REJOINDRE" (blue). At the bottom, a "INVITER DES AMIS" button is located next to a 3D model of an astronaut in a white suit with red accents. The footer navigation bar includes icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 18: P004-0

The screenshot shows a user profile for Ghilas Meziane. The profile picture is a cartoon character wearing a space helmet. The name "Ghilas Meziane" and the handle "Cheb khalas" are displayed. Below the profile are statistics: "102 Abonnements" and "356 Abonnés". A bio box contains the text "PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR". A central modal window titled "INVITER UN AMIS" (Invite a friend) has a "PSEUDO" input field, an "INVITER" (Invite) button, and two smaller buttons: "REFUSER" (Refuse) and "REJOINDRE" (Join). At the bottom of the modal is a "INVITER DES AMIS" (Invite friends) button. The background features a large 3D model of a person in a white space suit with red accents. The navigation bar at the bottom includes icons for General (selected), New mission, Workshop, Profile, Enterprise, Space network, Map, Chat, and Logout.

Figure 19: P004-1

The screenshot shows the StellaStone application's profile page for a user named Ghilas Meziane. The top navigation bar includes a user icon, the name "Ghilas Meziane", a "Editer le profil" button, and a search bar with the placeholder "Rechercher...". On the left, a sidebar titled "Profile" lists "Profile" (selected), "Entreprise", and "Réseau spatial". The main content area displays the user's profile picture, name, bio, and statistics: 102 Abonnements and 356 Abonnés. A 3D model of an astronaut in a white suit with red accents is positioned on the right. Below the profile section, two mission cards are shown: "Apollo" (Mode Entreprise Réaliste, 31 oct. 2022) and "Noujoum" (Mode Solo Aventure, 31 oct. 2022). Each card has "CHARGER LA SAUVEGARDE" and "LIRE LE RAPPORT" buttons. At the bottom, a navigation bar features icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Ghilas Meziane

Editer le profil

Rechercher...

Ghilas Meziane

Cheb khalas

102 Abonnements 356 Abonnés

PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR
AMSTRONG

Profile

Profile

Entreprise

Réseau spatial

Stellas Statistiques Invitation Sauvegarde

Apollo MODE ENTREPRISE RÉALISTE 31 oct. 2022 X

CHARGER LA SAUVEGARDE LIRE LE RAPPORT

Noujoum MODE SOLO AVENTURE 31 oct. 2022 X

CHARGER LA SAUVEGARDE LIRE LE RAPPORT

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 20: P005-0

The screenshot shows the StellaStone user profile interface. At the top left is the user's profile picture (Ghilas Meziane), name, and edit button. A search bar is positioned above a central circular placeholder for the user's current or default avatar. Below the placeholder is a "CHANGER AVATAR" button. To the right of the placeholder is a 3D model of an astronaut in a white suit with red accents, standing with arms slightly out. On the left side, there's a sidebar titled "PARAMÈTRES" with sections for "Infos Utilisateur" (selected), "Mot de passe", and "Données et stockage". Below these are fields for "NOM" and "PRÉNOM" (both empty), and a "PSEUDO" field (empty). A note below the pseudo field states: "APRÈS AVOIR CHANGÉ VOTRE NOM D'UTILISATEUR, VOTRE ANCIEN NOM D'UTILISATEUR DEVIENT DISPONIBLE POUR TOUTE AUTRE PERSONNE.". There's also an "EMAIL" field (empty) and a "METTRE À JOUR" button at the bottom of the form. At the very bottom is a navigation bar with icons for Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Ghilas Meziane

Editer le profil

Rechercher...

CHANGER AVATAR

À PROPOS DE MOI...

PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR
AMSTRONG

NOM

PRÉNOM

PSEUDO

APRÈS AVOIR CHANGÉ VOTRE NOM D'UTILISATEUR, VOTRE ANCIEN NOM D'UTILISATEUR DEVIENT DISPONIBLE POUR TOUTE AUTRE PERSONNE.

EMAIL

METTRE À JOUR

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 21: P006-0

Ghilas Meziane

Editer le profil

Rechercher...

PARAMÈTRES

Infos Utilisateur

Mot de passe

Données et stockage

ANCien MOT DE PASSE

NOUVEAU MOT DE PASSE

CONFIRMER NOUVEAU MOT DE PASSE

METTRE À JOUR

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 22: P007-0

The screenshot shows the StellaStone application's profile page. At the top left is the user's profile picture and name, "Ghilas Meziane", with a "Edit le profil" link and a blue and white rank icon. A search bar with the placeholder "Rechercher..." is positioned above a central profile area. This central area features a large circular "Change Avatar" button with a placeholder image of a person in a space suit. To the right is a 3D model of a person in a white space suit with red accents, standing in a dark environment.

PARAMÈTRES

Infos Utilisateur
Mot de passe
▶ Données et stockage

COMPTE PRIVEE
ATTENTION , SEUL VOS ABONÉS AURONT ACCÈS À VOTRE PROFILE.

SUPPRIMER DONNÉES
ATTENTION , LA SUPPRESSION DE VOS DONNÉES EST IRRÉVERSIBLE.

SUPPRIMER COMPTE
ATTENTION , LA SUPPRESSION DE VOTRE COMPTE EST IRRÉVERSIBLE.

General Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 23: P008-0

5 ENTREPRISE

The screenshot shows the StellaStone application interface. At the top left, there is a user profile for "Ghilas Meziane" with a "Edit profile" button and a rank icon. A search bar is located at the top center. On the left side, a sidebar menu includes "Profile" (selected), "Entreprise" (highlighted with a red arrow), and "Réseau spatial". The main content area features a user profile card for "Ghilas Meziane" with the alias "Cheb khalas", a bio box stating "PASSIONNÉ D'ESPACE, JE SUIS LE FUTUR AMSTRONG", and a large 3D model of an astronaut in a white suit with red accents. Below the bio box, a message says "Vous n'appartenez à aucune entreprise ?" with two buttons: "CREER MON ENTREPRISE" (in a red box) and "REJOINDRE UNE ENTREPRISE". At the bottom, a navigation bar includes icons for Général, Nouvelle mission, Atelier, Profil, Entreprise (selected), Réseau spatial, Map, Chat, and Logout.

Figure 24: E000-0

The screenshot shows the StellaStone platform interface. At the top left is the user profile of Ghilas Meziane, with an edit button and a military-style rank icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned above a circular logo featuring an eye and the text "NOVUS ORDO SECLAVITATIS" and "ALTIQUIT COEPTIS". Below the logo is a pink "AJOUTER UN LOGO..." button. On the right side, there is a 3D model of an astronaut in a white suit with red accents. The main content area includes a sidebar with navigation links: Profile (selected), Entreprise (highlighted with a pink arrow), and Réseau spatial. The central part of the screen displays a form for creating a company, titled "À PROPOS DE L'ENTREPRISE...". It contains fields for "NOM" (name) and "PAYS" (country), with a dropdown menu showing "CHOISIR UN PAYS" and options for CHINE, ETATS-UNIS, and RUSSIE. A pink "CREER MON ENTREPRISE" button is at the bottom of the form. The bottom navigation bar includes icons for Général, Nouvelle mission, Atelier, Profil, Enterprise (selected), Réseau spatial, Map, Chat, and Logout.

Figure 25: E001-0



Ghilas Meziane

[Editer le profil](#)



Profile

Profile

▶ **Entreprise**

Réseau spatial

Nom Entreprise	Fondé le	Pays	Membres	Missions	Rang
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1
Novus	03/10/22	France	4	1234	1



[Général](#)[Nouvelle mission](#)[Atelier](#)[Profil](#)[Entreprise](#)[Réseau spatial](#)[Map](#)[Chat](#)[Logout](#)

Figure 26: E002-0

The screenshot shows the StellaStone game interface. At the top left is the player's profile picture and name, "Ghilas Meziane", with a "Edit profile" button. A search bar with the placeholder "Rechercher..." is positioned at the top center. On the right side, there is a large 3D model of an astronaut in a white suit with red accents.

In the center, there is a circular logo for "SPACE X" with the slogan "EXPLORONS L'ESPACE COMME JAMAIS PERSONNE NE LA ENCORE FAIT !" and a "REJOINDRE L'AVENTURE" button.

The main content area is divided into sections:

- Profile**: Shows tabs for "Profile" (selected), "Entreprise" (highlighted with a red arrow), and "Réseau spatial".
- Statistiques**: Shows mission statistics:
 - A total of 676 missions completed.
 - A progress bar showing 52% failed missions (red) and 48% successful missions (green).
 - 352 failures and 324 successes.
- Membres**: Shows tabs for "Toutes les missions" (selected), "Mode aventure", and "Mode réaliste".
- Missions**: Shows a summary of mission completion rates.

At the bottom, a navigation bar includes icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 27: E003-0

The screenshot shows the StellaStone game interface. At the top left is the player's profile picture and name, "Ghilas Meziane", with a "Edit profile" button and a blue and white rank icon. A search bar with the placeholder "Rechercher..." is positioned above a banner. The banner features a circular logo with an eye and the text "NOVUS" below it, followed by the slogan "EXPLORONS L'ESPACE COMME JAMAIS PERSONNE NE L'A ENCORE FAIT !". To the right is a 3D model of an astronaut in a white suit with red accents.

The main menu includes tabs for "Profil" (selected), "Statistiques" (highlighted in red), "Membres", and "Administration". Below these are mission modes: "Toutes les missions" (selected), "Mode aventure", and "Mode réaliste".

The "Missions" section displays a total of 676 missions. A progress bar indicates 52% completed (red) and 48% successful (green). Below the bar are the numbers "352 échecs" and "324 réussites".

At the bottom is a navigation bar with icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 28: E004-0

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane, with an edit button and a rank icon. A search bar is positioned at the top center. To the right is a circular logo for the club "NOVUS" featuring an eye and Latin text: "NOVUS ORDO SEQUITUR" and "AVANTUIT COEPI". Below the logo is a banner with the text "EXPLORONS L'ESPACE COMME JAMAIS PERSONNE NE LA ENCORE FAIT !". On the right side of the screen, there is a 3D rendering of an astronaut in a white suit with red accents.

Profile

- Profile
- Entreprise
- Réseau spatial

Statistiques **Membres** (highlighted) **Administration**

Rank	User	Status	Score
1.	Ghilasinho	●	676
2.	zestones	●	598
3.	mamio	●	325
4.	rarename	●	863

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 29: E004-1

The screenshot shows a dark-themed web application interface. At the top left is a user profile for "Ghilas Meziane" with a "Editer le profil" link and a rank icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned at the top center. On the right side, there is a 3D model of a white spacesuit with red accents.

A PROPOS DE L'ENTREPRISE...

**EXPLORONS L'ESPACE COMME JAMAIS
PERSONNE NE LA ENCORE FAIT !**

CHANGER DE LOGO

Profile

Profile **Entreprise** Réseau spatial

Statistiques **Membres** Administration

MISE A JOURS DES DONNEES

ENTREPRISE PRIVEE

NOM DE L'ENTREPRISE

NOVUS

APRÈS AVOIR CHANGÉ VOTRE NOM, VOTRE ANCIEN NOM DEVIENT DISPONIBLE POUR TOUTE AUTRE PERSONNE.

METTRE À JOUR

DISSOUDRE ENTREPRISE

ATTENTION , LA DISSOLUTION DE L'ENTREPRISE EST IRRÉVERSIBLE.

Bottom navigation bar with tabs: Général (selected), Life, Comms, Prop, Mech, Power, Avionics, GNC, Thermal.

Figure 30: E005-0

The screenshot shows the StellaStone game interface. At the top left is the player's profile picture and name, "Ghilas Meziane", with a "Edit profile" button and a rank icon. A search bar is centered at the top. To the right is a large 3D model of an astronaut in a white suit with red harnesses, floating in space.

On the left, there's a sidebar with "Profile" selected, followed by "Entreprise" (with a red arrow icon) and "Réseau spatial". Below these are tabs for "Statistiques" (selected), "Membres", and mission modes: "Toutes les missions" (selected), "Mode aventure", and "Mode réaliste".

The main area features a "SPACE X" logo with the slogan "EXPLORONS L'ESPACE COMME JAMAIS PERSONNE NE LA ENCORE FAIT !". Below this is a "Missions" section with a rocket icon and the number "676". It includes a progress bar showing "52% failed" (red) and "48% successful" (green), with counts of "352 échecs" and "324 réussites".

At the bottom is a navigation bar with icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout".

Figure 31: E005-1

6 RESEAU SPATIAL

The screenshot shows the StellaStone application interface. At the top left is the user's profile picture (Ghilas Meziane) and name, with an "Edit profile" button and a blue star icon. A search bar with a magnifying glass icon and placeholder text "Rechercher..." is positioned at the top center. On the right side, there is a large, detailed 3D rendering of an astronaut in a white spacesuit with red accents, floating in space near a planet.

Mon Profile

- Profile
- Entreprise
- Réseau spatial

POSTER

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Vous avez restellas

Idriss Benguezzou @zestones 31 oct. 2022

Nouvelle mission pour l'entreprise Novus, décollage Lundi 07 Novembre ! Direction la planète Mars !!

Ghilas Meziane @cheb_khalass 27 oct. 2022

Je vous partage une très belle image, prise lors de ma mission chmitta 3, qui a eu lieu il y a deux jours.

329 142 1 253

Figure 32: R000-0

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane, featuring a circular icon with a portrait, the name "Ghilas Meziane", and a "Editer le profil" link. Next to it is a blue shield-like icon with three stars. A search bar with a magnifying glass icon and the placeholder "Rechercher..." is positioned above the main content area.

The main content area displays a post by Idriss Benguezzou (@zestones) dated 31 oct. 2022. The post includes a caption: "Vous avez restellas Nouvelle mission pour l'entreprise Novus, décollage Lundi 07 Novembre ! Direction la planète Mars !!". Below the caption is a large image of Mars against a starry background. Interaction metrics are shown: 329 comments, 142 shares, and 1 253 likes.

A modal window is overlaid on the post, containing two options: "Supprimer le stellas" (Delete stellas) with a red X icon and "Masquer le stellas" (Hide stellas) with a speaker icon.

On the right side of the screen, there is a 3D rendering of an astronaut in a white spacesuit with red accents, floating in space.

On the left side, under the heading "Mon Profile", there are navigation links: "Profile", "Entreprise", and "Réseau spatial", with "Réseau spatial" being highlighted in pink. Below these is a "POSTER" button with a blue circle and a white plus sign.

At the bottom of the screen is a navigation bar with several icons: Général (selected), Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 33: R001-0

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane, with an edit button and a rank icon. A search bar is centered at the top. On the right, there is a large 3D model of an astronaut in a white suit with red accents, floating in space.

Mon Profile

Profile Entreprise Réseau spatial

POSTER

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Vous avez restellas
Idriss Benguezzou
@zestones

Nouvelle mission pour l'entreprise N
Direction la planète Mars !!

329 142 1 253

Mohammed Rouabah
@mamio

27 oct. 2022

Je vous partage une très belle image, prise lors de ma mission chmitta 3, qui a eu lieu il y a deux jours.

Figure 34: R001-I

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane, featuring a circular icon with a brown-skinned character, the name "Ghilas Meziane", and a rank icon with three stars. Below the profile is a search bar with the placeholder "Rechercher...". On the right side of the screen, there is a 3D model of an astronaut in a white suit with red accents, standing with arms slightly outstretched.

The main content area displays a user profile for "Ghilas Meziane" with the subtitle "Cheb khalas". Below this is a large, semi-transparent modal window titled "CREER UN PUBLICATION" (Create a Publication). The modal contains a text input field labeled "QUOI DE NEUF ?" (What's new?). At the bottom of the modal are two buttons: "IMPORTER DES FICHIERS IMAGE OU VIDEO" (Import files image or video) and "CHOISIR UN FICHIER" (Select file), followed by a blue "PUBLIER" (Publish) button.

On the left side of the screen, there is a sidebar with navigation links: "Profile" (selected, indicated by a red arrow), "Entreprise", and "Réseau spatial". At the bottom left is a blue circular button with a white plus sign and the text "POSTER". The bottom navigation bar includes icons for "Général" (selected), "Nouvelle mission", "Atelier", "Profil", "Entreprise", "Réseau spatial", "Map", "Chat", and "Logout". A small thumbnail of a space-themed image is visible at the bottom center of the screen, along with interaction metrics: 329 comments, 142 shares, and 1 253 likes.

Figure 35: R002-0

The screenshot shows the StellaStone application interface. At the top left is the user profile of Ghilas Meziane, with an edit link and a rank icon. A search bar is centered at the top. A modal window titled "Vous avez restellas Idriss Benguezzou" is open, showing 329 comments. The comments section includes a text input field, a publish button, and a list of comments from users Ghilas Meziane, Mohammed Rouabah, Ilyes Zeghdallou, and Ilyes Zeghdallou. Below the modal is a large 3D model of an astronaut in a white suit with red accents, floating in space. The main navigation bar at the bottom includes links for Général, Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout. A "POSTER" button with a plus sign is located on the left.

Ghilas Meziane

Editer le profil

Rechercher...

Vous avez restellas
Idriss Benguezzou

31 oct. 2022

329 Commentaires

Ajouter un commentaire...

Publier

Ghilas Meziane

Ultricies ultricies interdum dolor sodales. Vitae feugiat vitae quis id consectetur. Aenean urna, lectus enim suscipit eget. Tristique bibendum nibh enim dui.

12 · 1 · 20h

Mohammed Rouabah

Lorem fringilla pretium magna purus orci faucibus morbi.

12 · 0 · 20h

Ilyes Zeghdallou

Donec sed sed feugiat sit. Enim, urna euismod magna enim. Sit cras eget id sagittis consequat at.

12 · 0 · 20h

Ilyes Zeghdallou

Donec sed sed feugiat sit. Enim, urna euismod magna enim. Sit cras eget id sagittis consequat at.

12 · 0 · 20h

Mon Profile

Profile

Entreprise

Réseau spatial

POSTER

Général Nouvelle mission Atelier Profil Entreprise Réseau spatial Map Chat Logout

Figure 36: R003-0

7 CARTE DU MONDE



Figure 37: C000-0



Figure 38: C000-1



Figure 39: C000-2

8 CONSTRUCTION DE LA FUSÉE

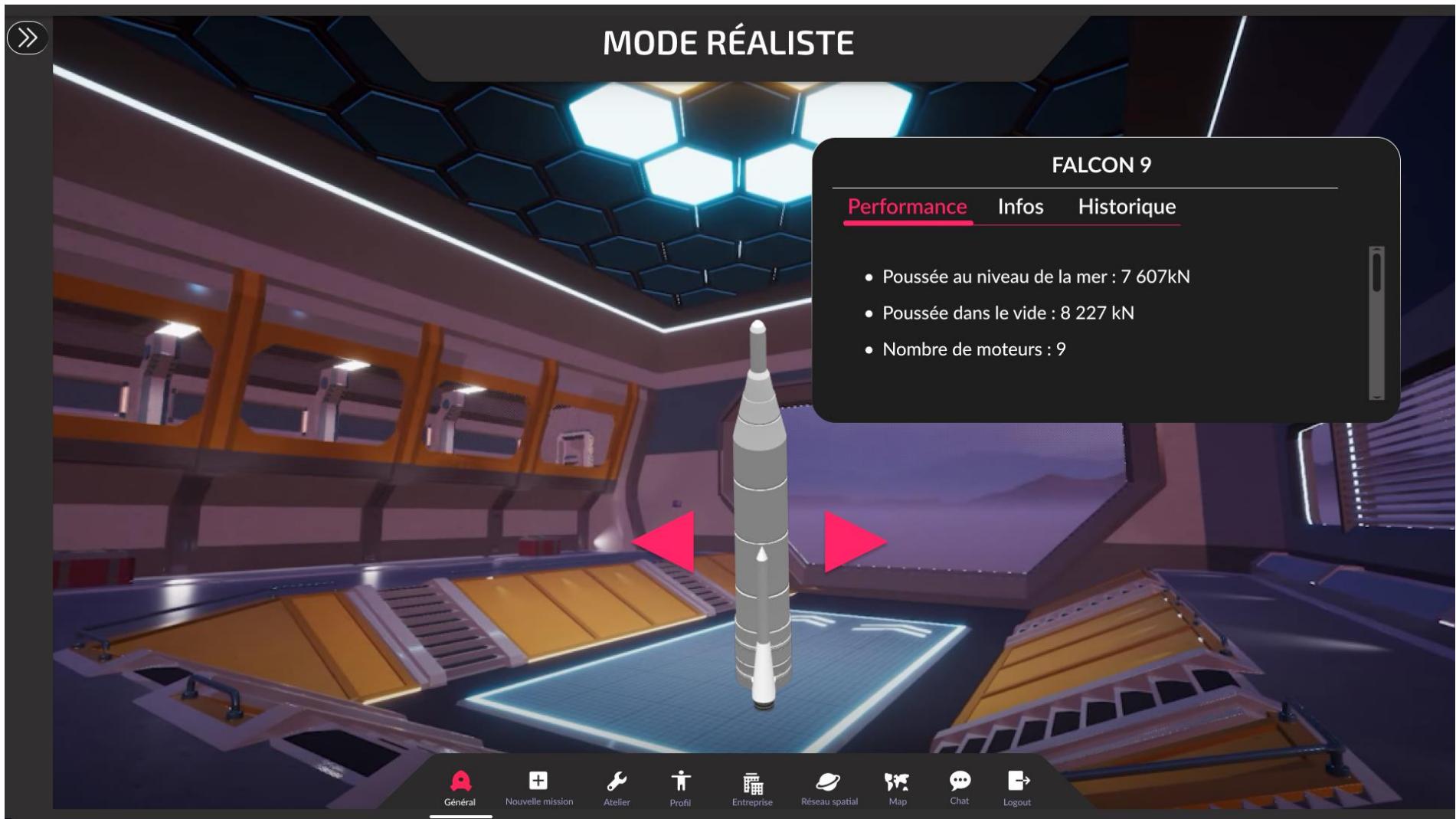


Figure 40: F000-0

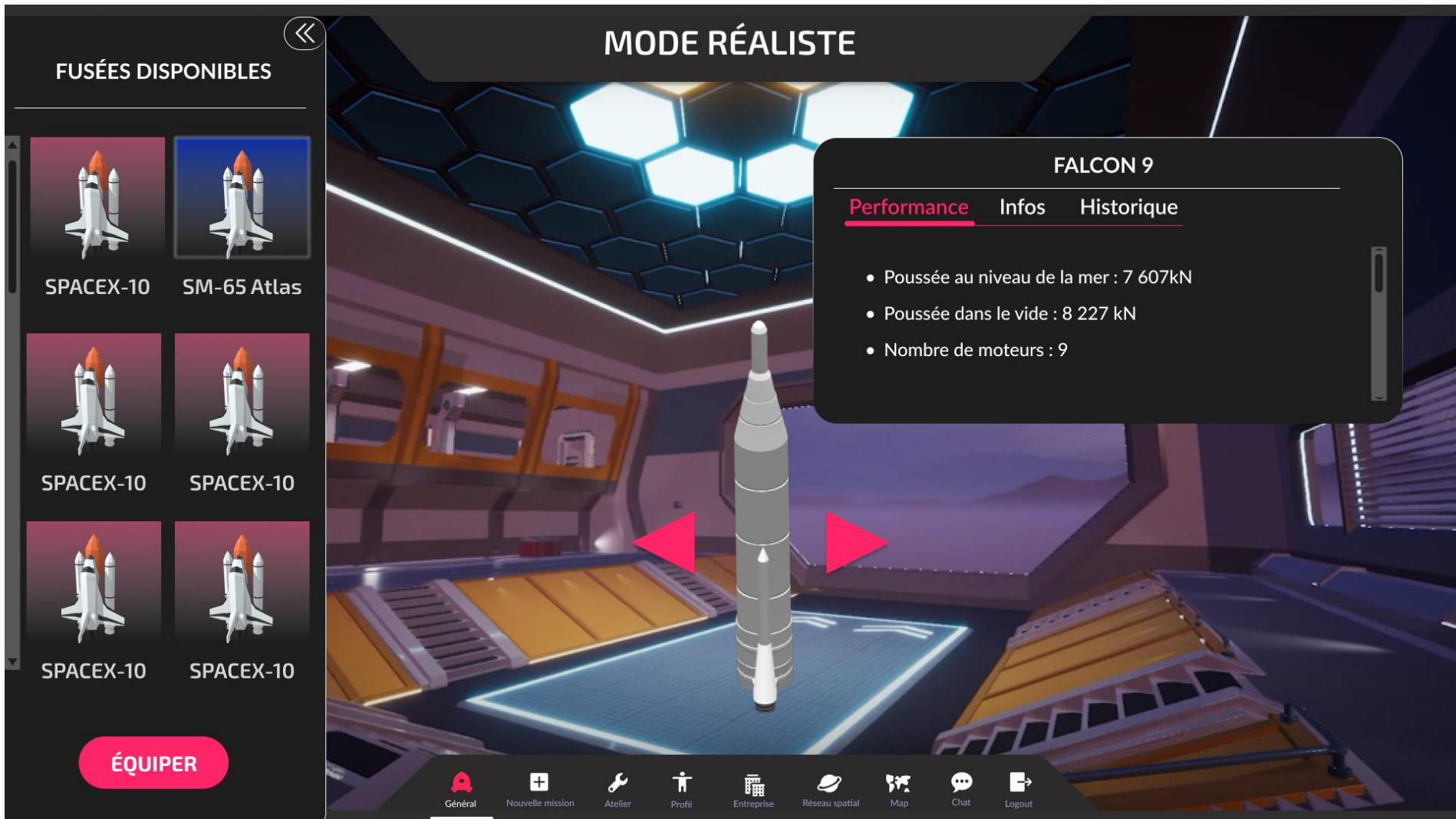


Figure 41: F000-1

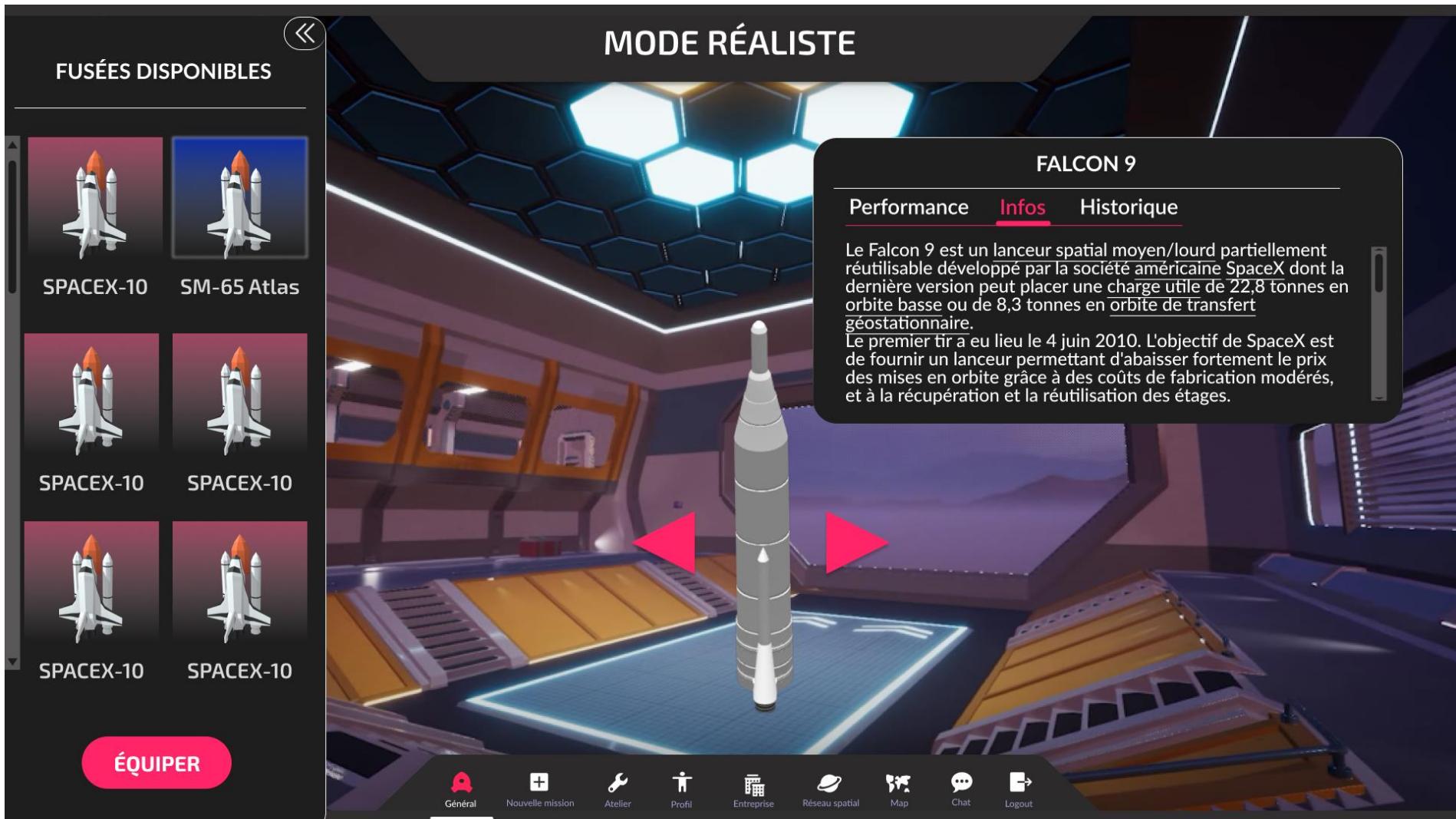


Figure 42: F000-2

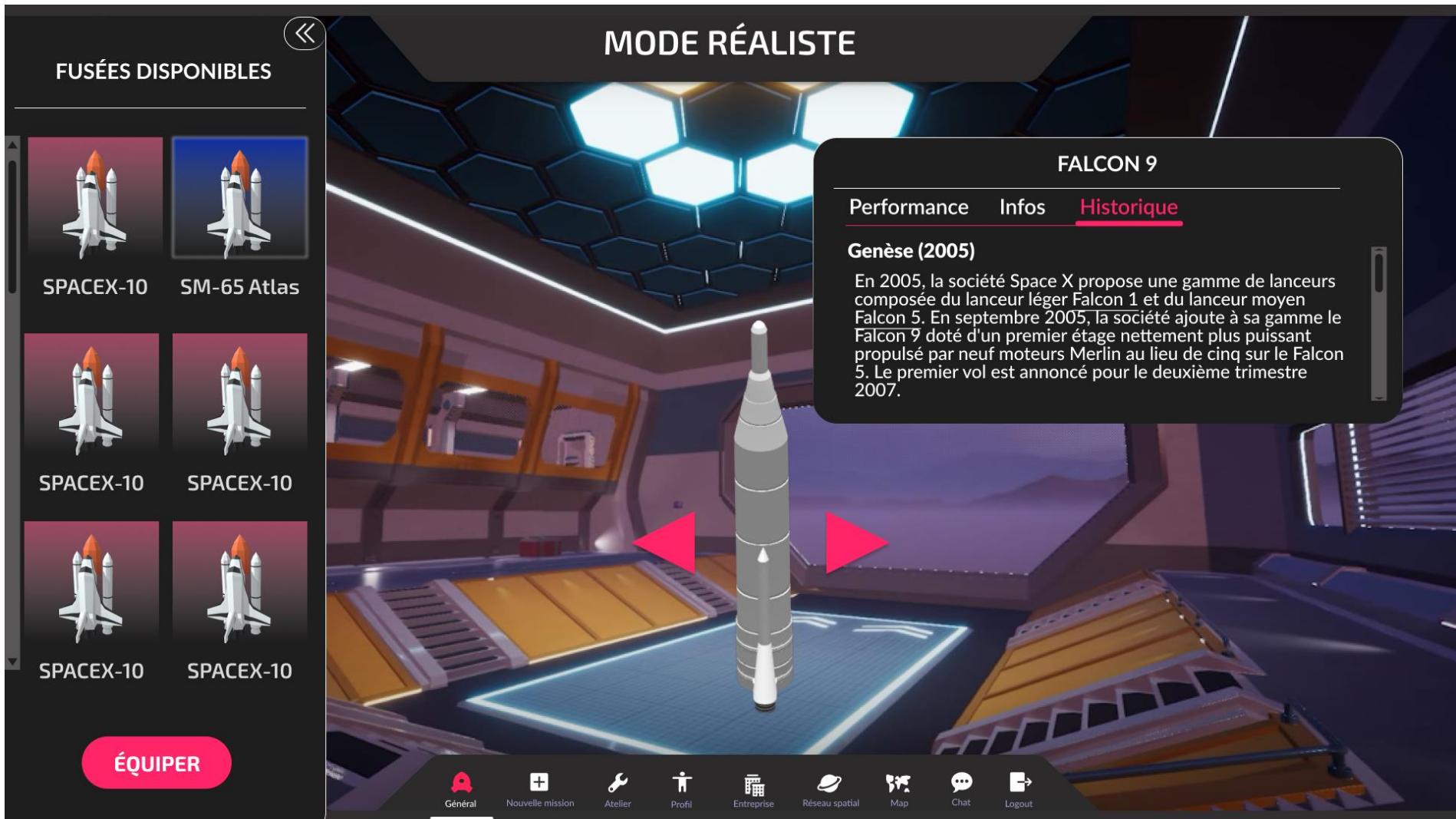


Figure 43: F000-3

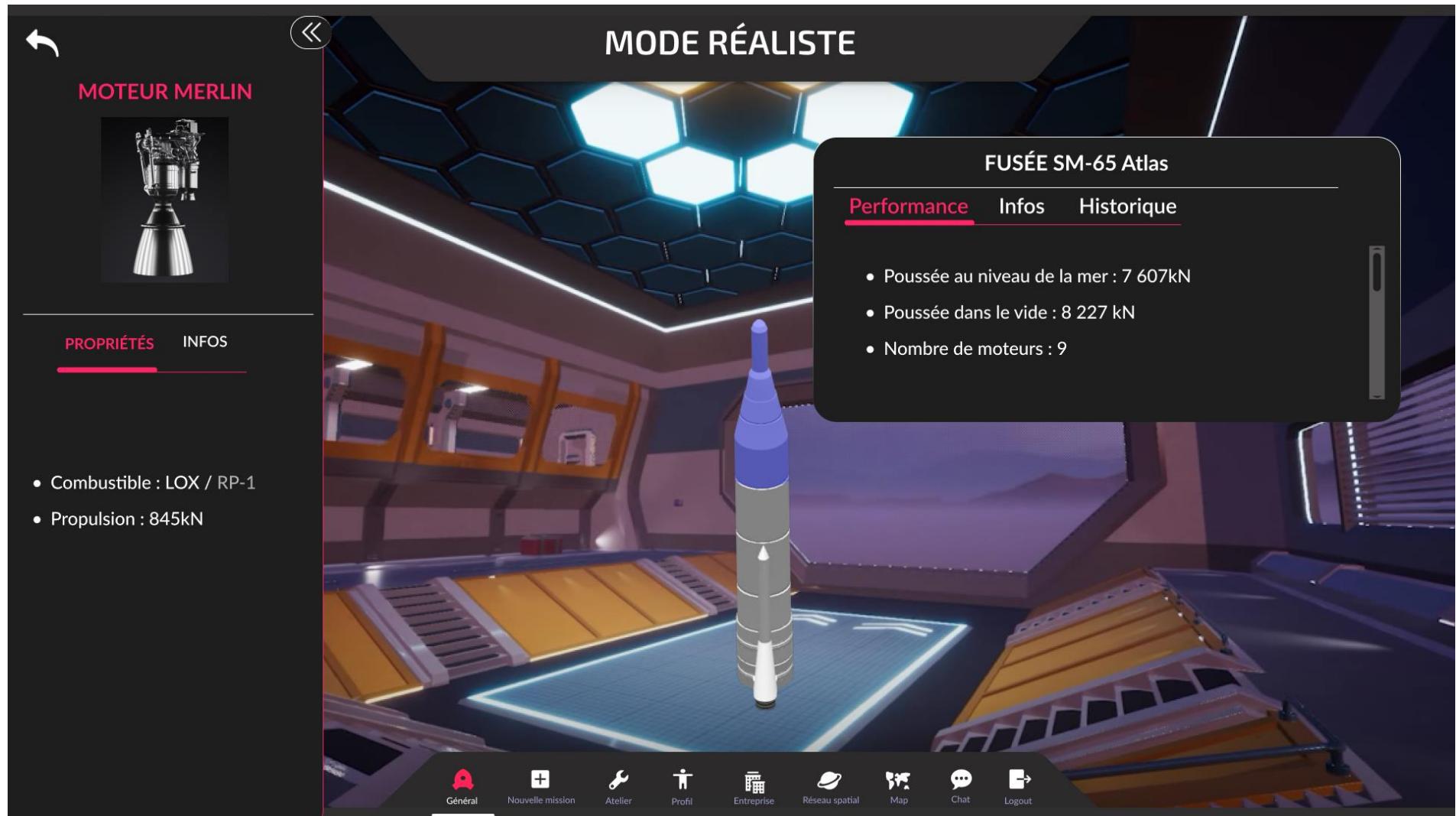


Figure 44: F001-0

The screenshot shows a 3D simulation environment within the StellaStone application. On the left, there is a detailed 3D model of the Merlin engine, with its name "MOTEUR MERLIN" displayed above it. Below the engine is a small image of the engine's internal components. A navigation bar at the bottom of this panel includes tabs for "PROPRIÉTÉS" and "INFOS", with "INFOS" currently selected. The main central area features a large, detailed 3D model of a SM-65 Atlas rocket standing on a launch pad. Above the rocket, the text "MODE RÉALISTE" is prominently displayed. To the right of the rocket, a callout box titled "FUSÉE SM-65 Atlas" contains three bullet points under the "Performance" tab:

- Poussée au niveau de la mer : 7 607 kN
- Poussée dans le vide : 8 227 kN
- Nombre de moteurs : 9

The background of the scene depicts a futuristic space station or launch facility with various structural elements and lighting effects. At the very bottom of the screen, a horizontal menu bar provides access to various application features: Général, Nouvelle mission, Atelier, Profil, Entreprise, Réseau spatial, Map, Chat, and Logout.

Figure 45: F001-1

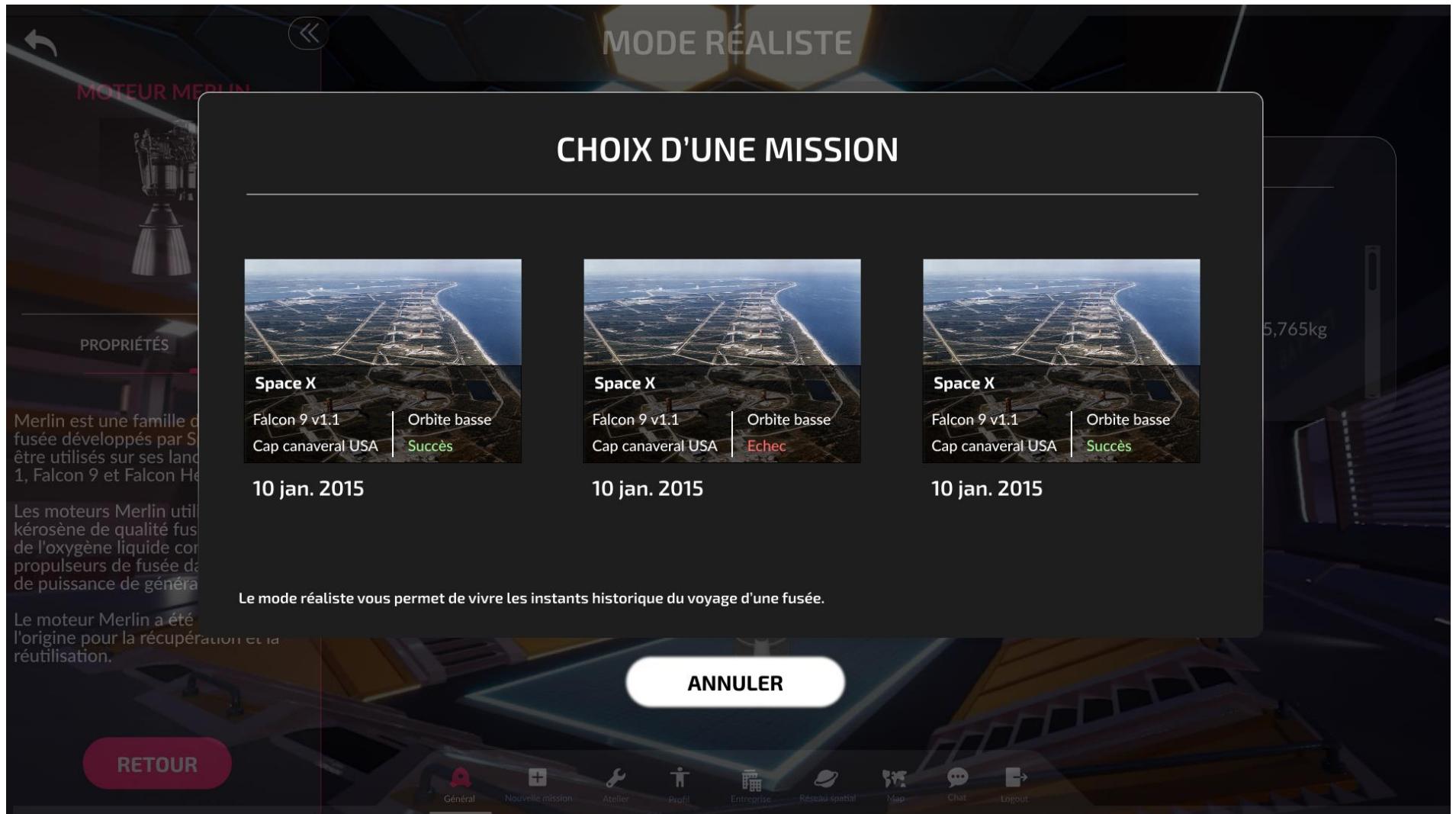


Figure 46: F002-0

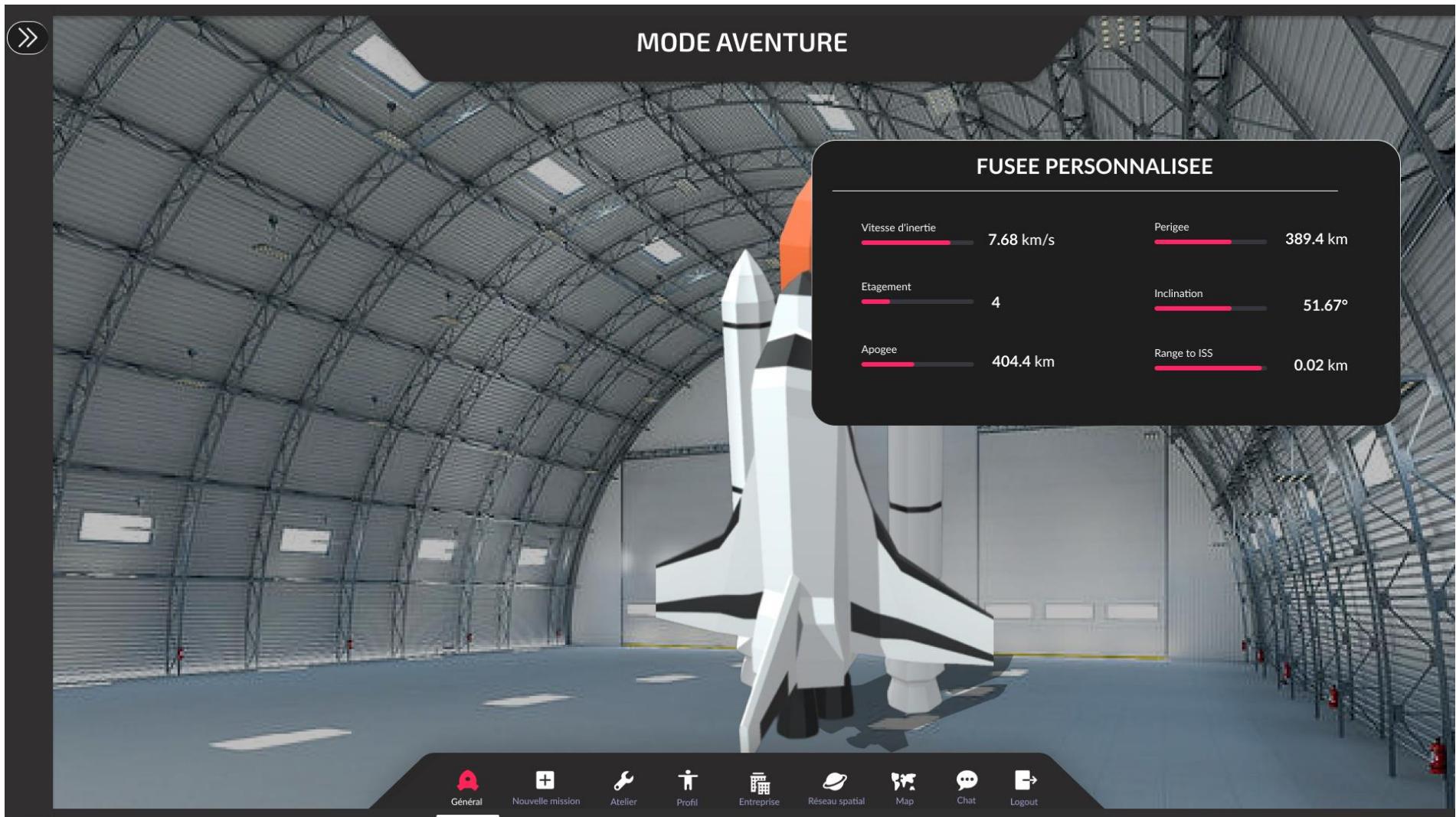


Figure 47: F003-0

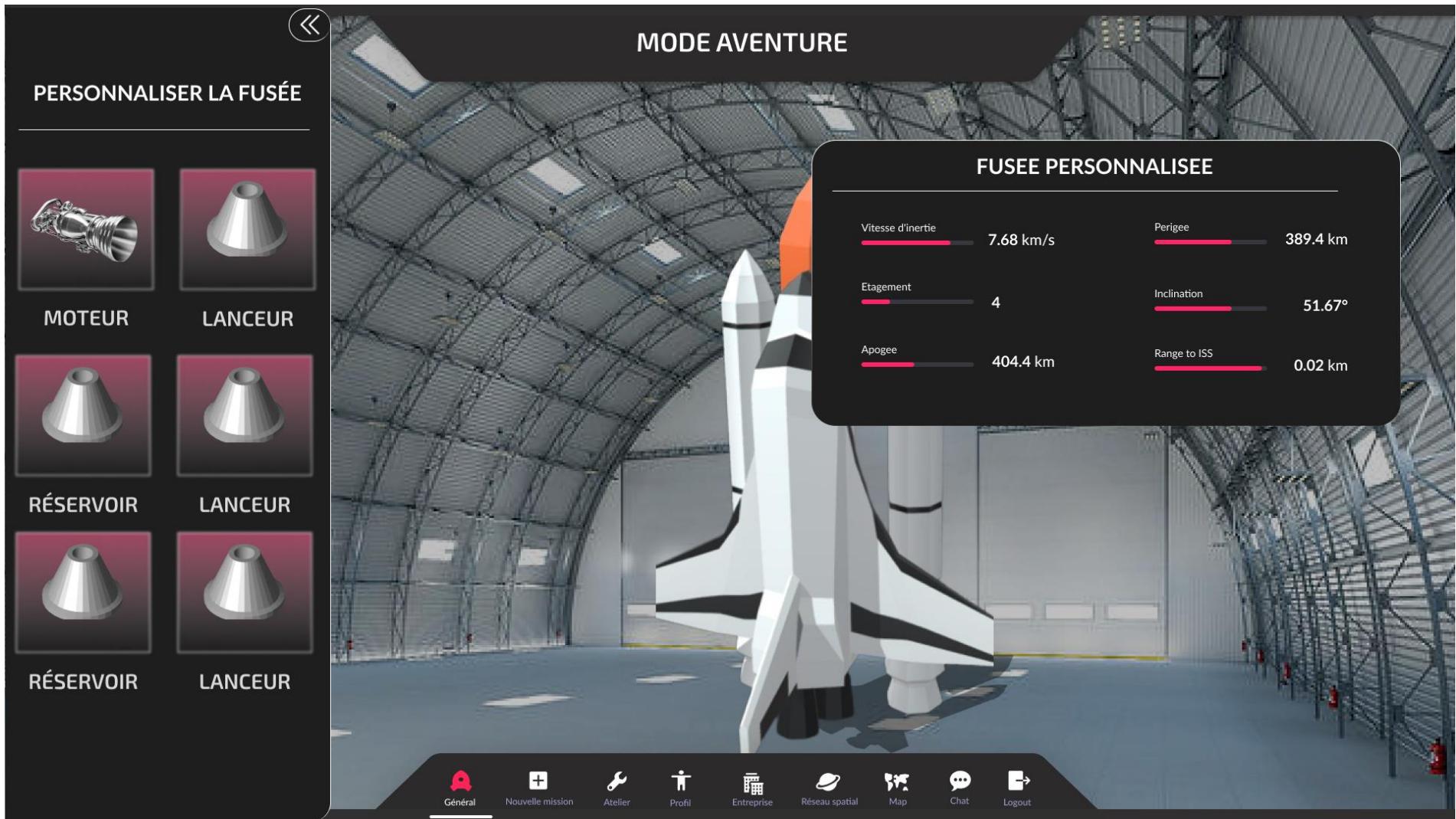


Figure 48: F003-1

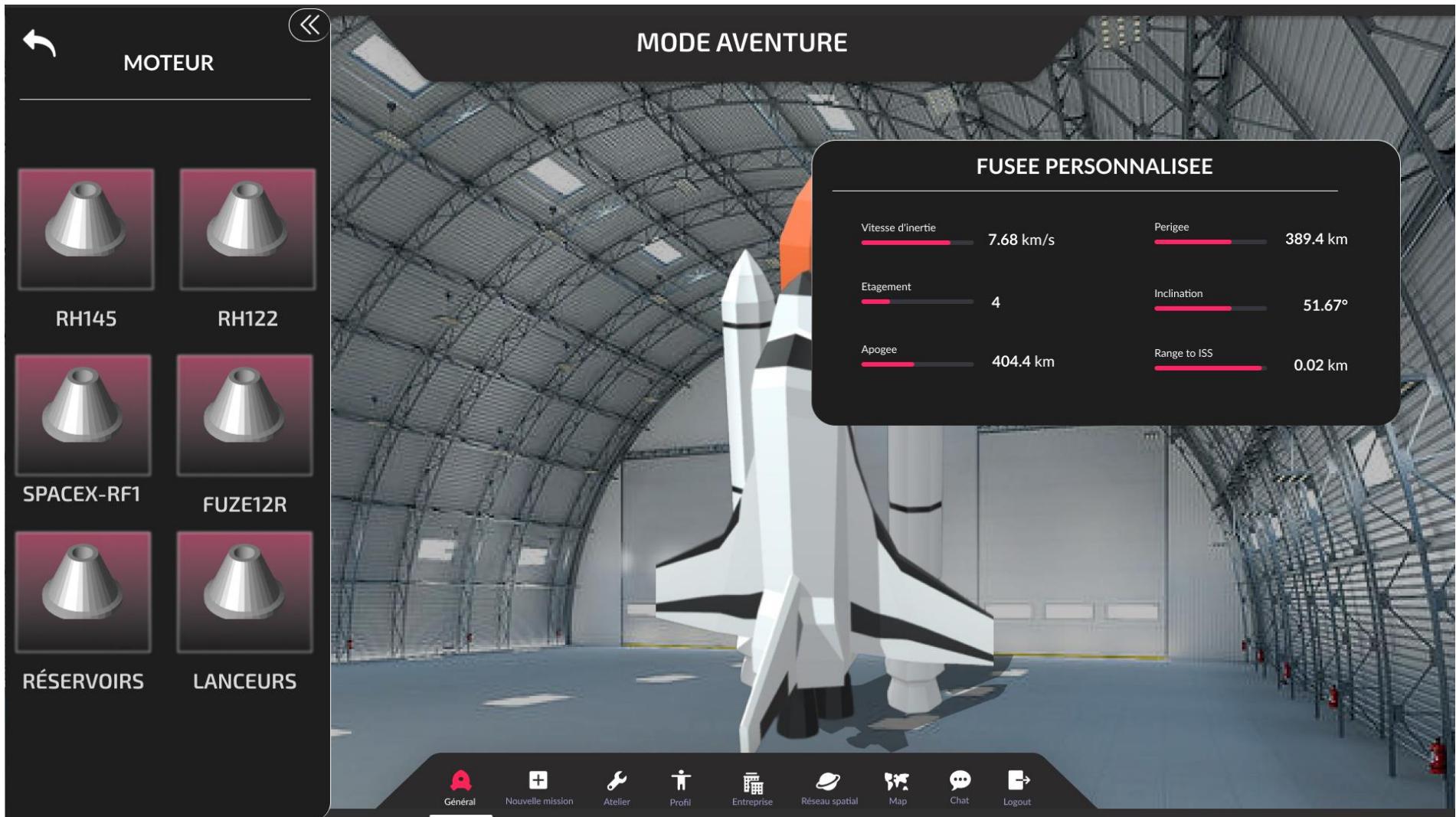


Figure 49: : F004-0

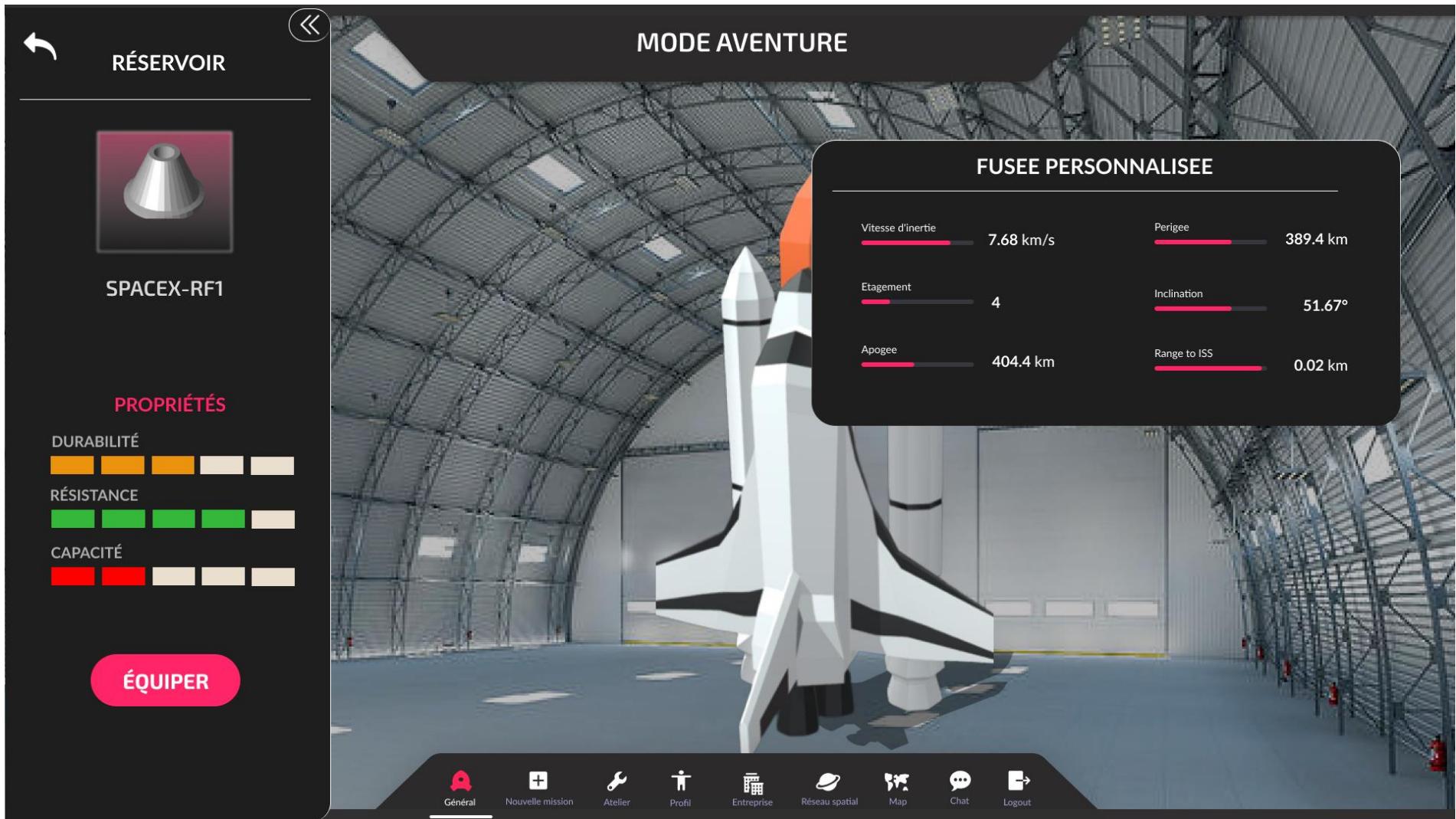


Figure 50: F005-0

9 RÉALISATION DE LA MISSION

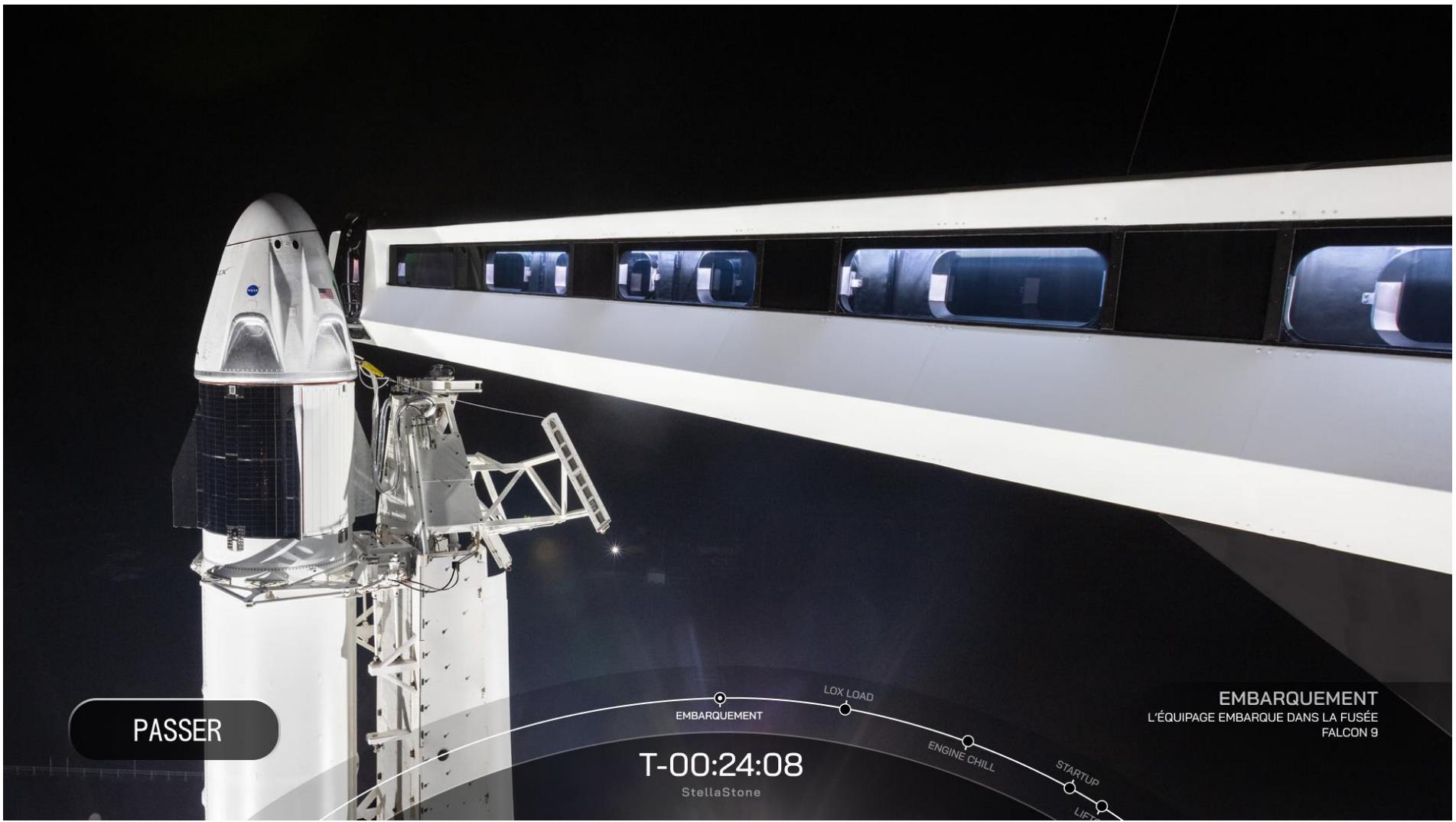


Figure 51: V001-0

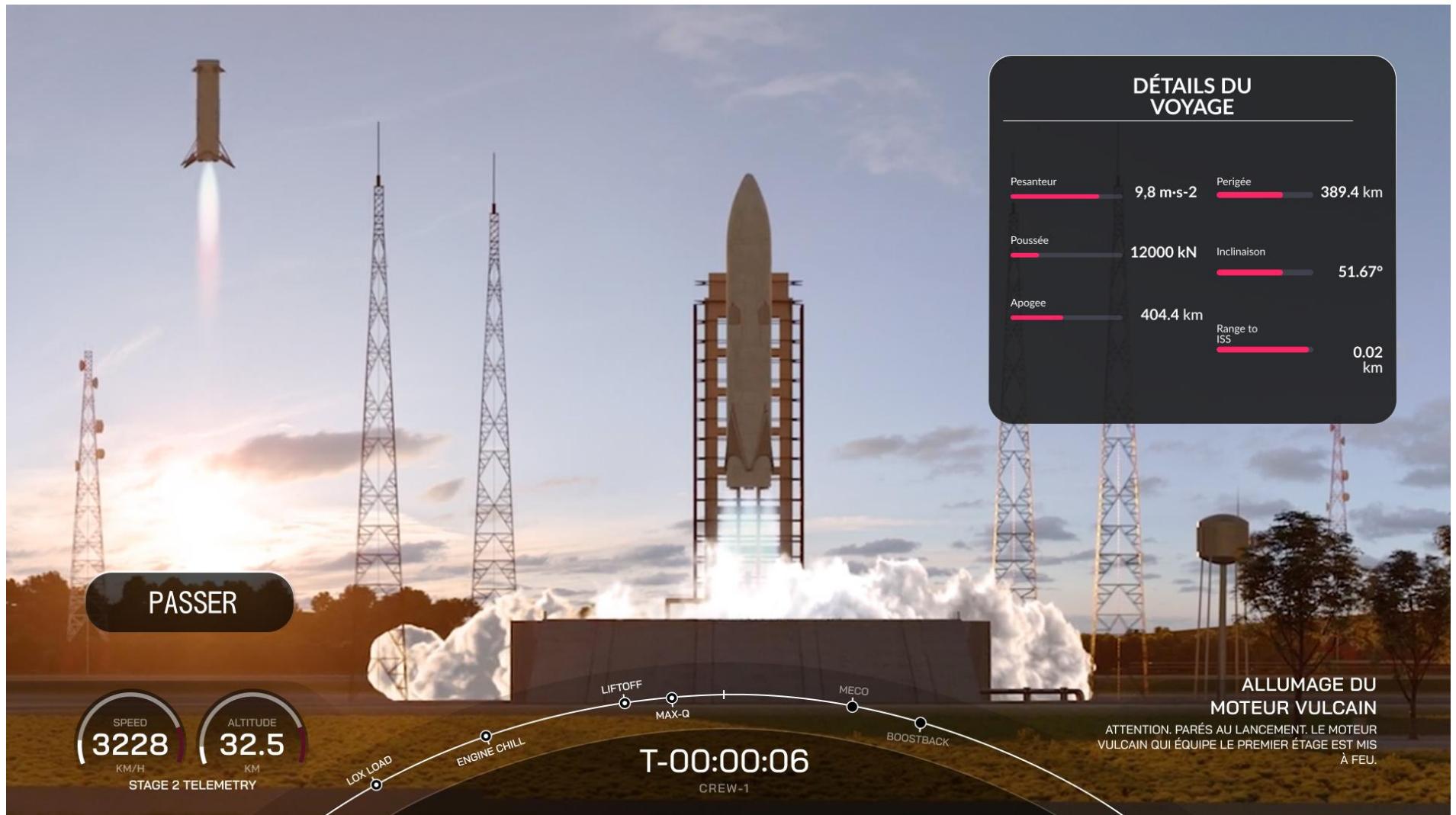


Figure 52: V001-1



Figure 53: V001-2

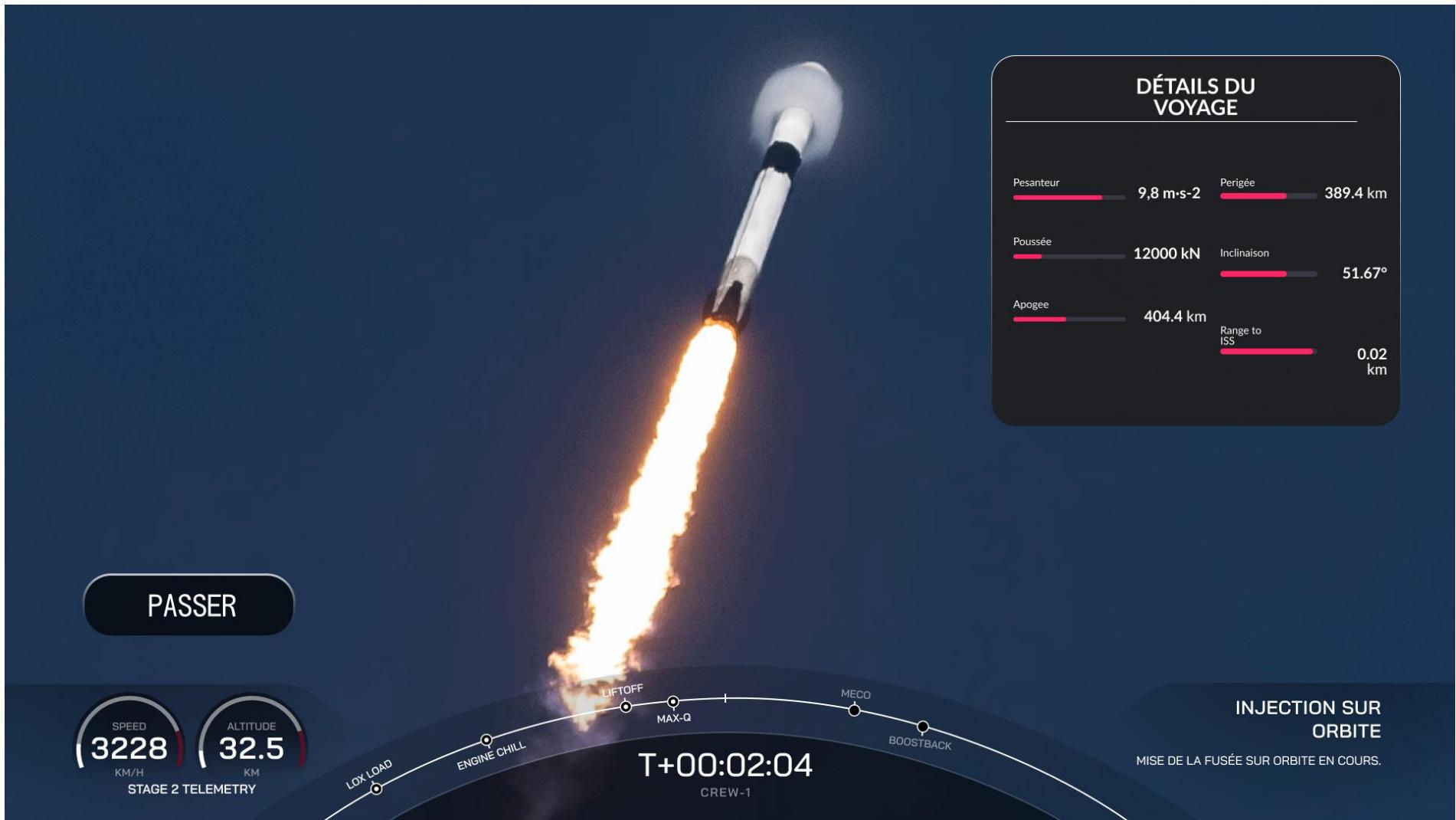


Figure 54: V001-3



Figure 55: V001-4



Figure 56: V001-5



Figure 57: V001-6



Figure 58: V001-7



Figure 59: V001-8