

1. When the United States joined World War II in 1941, the country found it
2. necessary to send soldiers and supplies across the Atlantic Ocean to Europe.
3. Many of the ships it used, however, were sunk by German submarines.
4. An American shipbuilder named Henry J. Kaiser came up with the idea of
5. building huge airplanes that could be used instead of ships to carry the troops
6. and equipment.
7. He contacted Howard Hughes, a millionaire and airplane designer, and
8. suggested that they build such a plane together.

Further Questions & Sample Answers

- 1) Why did the United States struggle sending soldiers and supplies across the Atlantic?
The German submarines would sink many of their ships.
- 2) Who was Howard Hughes?
He was a millionaire and airplane designer.



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20. 4) What was the largest challenge for building the airplane?
21. *There was a shortage of metal which required that the airplane be built almost*
22. *entirely from wood.*
23. Although the plane was needed immediately, the work took far longer than
24. expected.
25. One reason was that even the small amount of metal they wanted was difficult
26. to obtain.
27. Another was Hughes's concern with unimportant details.
28. He would, for example, spend days worrying about the design of the plane's
29. control panel. Eventually,
30. Kaiser left the project and Hughes carried on alone.
31. By the time he finished, though, the war was over.
32. The Hercules was three times larger than any airplane that had been built
33. before.
34. Hughes had spent \$22 million of the government's money and \$8 million of his
35. own money building it.

Further Questions& Sample Answers

36. **5)** What trait did Hughes have that slowed down the production of the airplane?
 37. *He would spend a lot of time concerned with unimportant details such as the design of the control panel.*
38. **6)** How much money was spent on developing the Hercules?
 39. *\$22 million of the government's money and \$8 million of his own was spent on*
 40. *the project.*
-
41. Many people doubted that such a huge airplane could fly, and they criticized
 42. Hughes for spending so much public money on it. In 1947, Hughes was called to
 43. Washington, D.C., for questioning by the government.
 44. During the investigation's summer break, however, he returned to California to
 45. take the Hercules on a test flight.
 46. To everyone's surprise, the huge plane rose 21 meters above the water and
 47. flew for about 1.6 kilometers.
 48. Hughes had shown his critics that the airplane could fly, and the government

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58. **2** Ships carrying men and equipment were often attacked.
 59. **3** Such airplanes could be used to sink enemy submarines.
 60. **4** It was becoming expensive for him to make ships.
61. **(42)** What was one difficulty faced by Hughes and Kaiser?
 62. **1** There was a shortage of wood in California.
 63. **2** They could not get all the metals that they needed.
 64. **3** Hughes's factory was located far from the Atlantic Ocean.
 65. **4** The airplane could not be designed to take off from land.

66. **(43)** What was one reason the Hercules took so long to build?
 67. **1** Kaiser left the project because the war had ended.
 68. **2** It was difficult to find workers because of the war.
 69. **3** Hughes spent a lot of time thinking about minor details.
 70. **4** The government did not provide the money it had promised.



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71. (44) Why did the government end its investigation of Hughes?

- 72. 1 His airplane never flew again after its first flight across the sea.
- 73. 2 The war finished long before his airplane was ready to be used.
- 74. 3 A test flight showed that his airplane was able to fly despite its size.
- 75. 4 He successfully flew his airplane from California to Washington, D.C.

76. (45) Which of the following statements is true?

- 77. 1 After the war, many people said Hughes had wasted government money.
- 78. 2 Kaiser and Hughes argued over how much money to spend on the plane.
- 79. 3 The Hercules project was not completed because Hughes ran out of money.
- 80. 4 Hughes went to Washington, D.C, to get back the money he had spent on the project.

Review Questions

- 82. 1) Why did the United States struggle sending soldiers and supplies across the Atlantic?
- 83. *The German submarines would sink many of their ships.*

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- 97. 7) What did Howard Hughes do during the investigation on him?
- 98. *He flew the Hercules proving that it was capable of flight.*
- 99. 8) Why do you think the airplane was never used after the first flight?
- 100. *The war was over and the airplane no longer had a good use.*

101.



解答: (41) 2 (42) 2 (43) 3 (44) 3 (45) 1

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日本語訳付

4[C] – The Sky is the Limit Lesson10 G2 Chobun dokkai **10.3(4C)A2E**

- 1. When the United States joined なくてはならない World War II 第2次世界大戦 (だいにじせかいたいせん) in 1941, the country found it necessary to send 軍人 (ぐんじん) soldiers and 物資 (ぶつし) supplies across the Atlantic Ocean 大西洋 (たいせいよう) to Europe.
- 2. Many of the ships it used, however, しかしながら were sunk 沈没 (ちんぼつ) させられた by German submarines 潜水艦 (せんすいかん).
- 3. An American shipbuilder 造船技師 (ぞうせんぎし) named Henry J. Kaiser came up with ~を思 (おも) いった the idea of

building huge airplanes that could be used instead of ships to carry the troops and equipment.

4. He contacted Howard Hughes, a millionaire and airplane designer, and suggested that they build such a plane together.

Further Questions & Sample Answers

5.1) Why did the United States struggle sending soldiers and supplies across the Atlantic?
 なぜアメリカは軍人と物資を、大西洋を渡って送ることに奮闘したのですか。

6. The German submarines would sink many of their ships.

7.2) Who was Howard Hughes? Howard Hughes は誰ですか。

8. He was a millionaire and airplane designer.



9. In 1942, Hughes and Kaiser signed a contract with the U.S. government to develop the Hughes' most advanced plane that could take off from...

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19. Hughes と Kaiser の飛行機はこれくらい大きくはなりませんでした。
 20. It was planned to be large enough to carry 750 soldiers and their equipment.

21.4) What was the largest challenge for building the airplane?

22. 飛行機を作るにあたっての最大の挑戦はなんでしたか。

23. There was a shortage of metal which required that the airplane be built

24. almost entirely from wood.

25. Although the plane was needed immediately, the work took far longer than

26. expected.

27. One reason was that even the small amount of metal they wanted was

28. difficult to obtain.

29. Another was Hughes's concern with unimportant details. He would,

30. for example, spend days worrying about the design of the plane's control panel.

- 結局 (けつきょく) は 去 (さ) った 事業 (じぎょう) 行 (おこ) った た だ一人 (ひとり) で
31. Eventually, Kaiser left the project and Hughes carried on alone .
 その時 (とき) まで けれども 終了 (しゅうりょう)
32. By the time he finished, though, the war was over .
33. The Hercules was three times larger than any airplane that
 以前作 (いぜんつく) られた
34. had been built before.
35. Hughes had spent \$22 million of the government's money and \$8 million of
 費 (つい) やした
36. his own money building it.

Further Questions& Sample Answers

37. 5) What trait did Hughes have that slowed down the production of the
 特徴 (とくちょう) 製造 (せいぞう)
 airplane? Hughes の 特徴 で飛行機 の製造を遅らせたものはなんですか。
 とくちょう ひこうき せいぞう おく
38. He would spend a lot of time concerned with unimportant details such as the
 関係 (かんけい) して 細 (こま) かいこと ~のような
 design of the control panel.
 操作 (そうさ)
39. 6) How much money was spent on developing the Hercules?
 開発 (かいはつ) している間 (あいだ) に
 Hercules の開発にはどのくらいの費用がかかりましたか。
 かいはつ ひよう

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- 見 (み) せつけた 評論家 (ひょうろんか)
50. Hughes had shown his critics that the airplane could fly, and the
 終 (お) えた 取 (と) り調 (しら) べ
51. government ended the investigation.
 とはいえ
52. Although the Hercules never flew again, it became known as an engineering
 奇跡 (きせき) この技術 (ぎじゆつ) 示 (しめ) した 工業技術 (こうぎょうぎじゆつ)
53. miracle, one that showed that a huge size does not make flying
 不可能 (ふかのう) な
54. impossible.



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Further Questions& Sample Answers

55. 7) What did Howard Hughes do during the investigation on him?
56. Howard Hughes の取り調べの間、彼はなにをしましたか。
 と しら あいだ かれ
 証明 (しょうめい) する 可能 (かのう) で
57. He flew the Hercules proving that it was capable of flight.
58. 8) Why do you think the airplane was never used after the first flight?
59. あなたはなぜその飛行機が最初の飛行から使われないかと思いませんか。
 ひこうき さいしよ ひこう つか おも
 もはや~ない
60. The war was over and the airplane no longer had a good use.

***Choose the correct answer from these choices.**

61. **(41) Why did Henry J. Kaiser want to build huge airplanes during World War II?**

62. なぜ Henry J, Kaiser は、^{だいに じ せ かい たい せん ちゅう きょ だい ひ こう き つく おも}第二次世界大戦中に巨大飛行機を作ろうと思ったのですか。
- 63.1 He hoped to sell them to Howard Hughes's airline company.
- 64.2 Ships carrying men and equipment were often ^{攻撃 (こうげき) された} attacked .
- 65.3 Such airplanes could be used ^{~のような} to sink ^{倒 (たお) す ため に 敵 (てき)} enemy submarines.
- 66.4 It was becoming expensive for him to make ships.

67. **(42) What was one ^{困難 (こんなん) 直面 (ちよくめん) した} difficulty faced by Hughes and Kaiser?**

68. Hughes と Kaiser は ^{こんなん ちよくめん}どんな困難に直面しましたか。
- 69.1 There was a shortage of wood in California.
- 70.2 They could not get all the metals that they needed.
- 71.3 Hughes's factory was ^{~に位置 (いち) した} located far from the Atlantic Ocean.
- 72.4 The airplane could not be designed to take off from land.

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- 83.3 A test flight showed that his airplane was able to fly ^{~にもかかわらず} despite its size.
- 84.4 He ^{幸運 (こううん) にも} successfully flew his airplane from California to Washington, D.C.

85. **(45) Which of the ^{次 (つぎ) に 述 (の) べる 陳述 (ちんじゅつ)} following statements is true?**

86. 以下の陳述 ^{い か ちんじゅつ ただ えら} で正しいものを選びなさい。
- 87.1 After the war, many people said Hughes had ^{無駄 (むだ) に した} wasted government money.
- 88.2 Kaiser and Hughes ^{相談 (そうだん) していた} argued over how much money to spend on the plane.
- 89.3 The Hercules project was not ^{完成 (かんせい) した} completed because Hughes ^{使 (つか) い 果 (は) た した} ran out of money.
- 90.4 Hughes went to Washington, D.C, to get back the money he had spent on the
91. project.



Review Questions

92. **1)** Why did the United States **struggle** sending soldiers and supplies across the Atlantic ?
93. **1)** Why did the United States **struggle** sending soldiers and supplies across the Atlantic ?
94. **The German submarines would sink many of their ships.**
95. **2)** Who was Howard Hughes?
96. **He was a millionaire and airplane designer.**
97. **3)** How large did Hughes and Kaiser plan for the airplane to be?
98. **It was planned to be large enough to carry 750 soldiers and their equipment.**
99. **4)** What was the largest challenge for building the airplane?
100. **There was a shortage of metal which required that the airplane be built almost entirely from wood.**
101. **almost entirely from wood.**
102. **5)** What trait did Hughes have that slowed down the production of the airplane?

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