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HEADQUARTERS

STRATEGIC EXERCISE DIRECTIVE

TITLE: OPERATION COLD SHOULDER

DATE: JULY 12, 1948

TO: ALL ASSIGNED PERSONNEL

FROM: LT. COL. J. J. BOYCE, STRATEGIC PLANNING DIVISION

I. OBJECTIVE:

The objective of this operation is to develop and implement a strategic plan to supply West Berlin with critical cargo to sustain its population of approximately 2.1 million people during the Soviet blockade. Your task is to convert wartime aircraft into effective peacetime cargo planes, simulate their deployment, and ensure the continuous delivery of supplies, including food, coal, and medical resources.

II. BACKGROUND:

On June 24, 1948, Soviet forces imposed a blockade on all road, rail, and canal access to West Berlin, isolating the city and cutting off essential supplies. In response, Allied forces launched the Berlin Airlift, a monumental effort to sustain the population by air. The current fleet of aircraft stationed in Europe includes Douglas C-47 Skytrains, Douglas C-54 Skymasters, Avro Yorks, and Handley Page Hastings, all of which need modifications to optimize cargo capacity and efficiency for sustained operations. This exercise simulates the urgent need to adapt military aircraft for humanitarian purposes, test logistical strategies, and maintain operational effectiveness under time constraints.

III. SCOPE:

Your mission is to oversee the conversion of aircraft for airlift operations, develop a strategy to deliver supplies efficiently, and coordinate logistics in a high-pressure environment. The scope includes:

1. Modifying aircraft YAML files to reflect their historical capabilities.
2. Developing strategies for command and control (C2) during airlift operations.

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3.Conducting simulations to test the feasibility and efficiency of the airlift.

4.Delivering after-action reports (AARs) with recommendations for improving operations.

IV. SIMULATION PARAMETERS:

Aircraft Overview:

1. US Douglas C-47 Skytrain (Gooney Bird)

Cargo Capacity: 3 tons

Speed: 160–180 mph

On hand: 2,000

2. US Douglas C-54 Skymaster

Cargo Capacity: 10 tons

Speed: 245 mph

On hand:400

3. UK Avro York

Cargo Capacity: 10 tons

Speed: 298 mph

On hand: 250

4. UK Handley Page Hastings

Cargo Capacity: 8 tons

Speed: 300 mph

On hand: 50

5. Junkers Ju 52

Cargo Capacity: 1.5 tons

Speed: 150 mph

On hand: 500

6. Boeing C-97 Stratofreighter

Cargo Capacity: 35 tons

Speed: 300 mph

On hand: 10

V. Steps:

1. Modify aircraft YAML files in the provided CodeWar1948 folder to create a functional CodeWar1949-GroupName mod. Your modifications must reflect accurate speed, cargo capacity, and fuel consumption parameters.
2. Design a **C-47 Skytrain** capable of carrying 18 engineers (paratroopers) and configure its YAML for deployment.
3. Adjust the BADR and YAK aircraft to include appropriate speed and cargo capacities for the mission. Cargo capacity should equal 1 vehicle per ton.
    1. Aircraft costs should follow this formula: $2000 base + $200 per ton of cargo capacity.
    2. Aircraft flight speed should be mph of aircraft/2 to simulate actual distance being flown

VI. Time Allocations:

Session 1: Modify YAML files and use the “make” command to compile them into a working mod.

Session 2: Playtest logistics simulations to refine configurations and strategies.

Simulation: Deliver as many of the 100 M35 trucks as possible to Berlin using the configured game mod.

VIII. DELIVERABLES:

1. YAML files: These must not crash the game and must be compiled correctly using OpenRA’s “make” function.

2. After-Action Reports (AAR): Include documentation of successful strategies, challenges encountered, and recommendations for future operations. Highlight lessons learned about C2 and supply chain management.

3. Recommendations for Force Adjustments: Propose the optimal fleet composition, airfield expansions, and communication protocols to sustain Berlin’s population.

IX. EVALUATION METRICS:

Code Integrity: YAML files must compile without errors and accurately simulate aircraft capabilities.

Logistical Effectiveness: The quantity of supplies delivered to Berlin within the given timeframe.

Strategic Planning: Quality of AARs and recommendations for force adjustments, demonstrating a deep understanding of C2 and logistics.

X. SECURITY CLASSIFICATION:

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AUTHORIZED BY:

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