```
def find_equilibrium_position(N, A):
    total_sum = sum(A)
    left_sum = 0
    for i in range(N):
        # Right sum is total sum minus left sum and current element
        right_sum = total_sum - left_sum - A[i]
        # Check for equilibrium
        if left_sum == right_sum:
            return i + 1 # Return 1-based index
        left_sum += A[i]
    return "NOT FOUND"
# Example usage
N = int(input().strip())
A = list(map(int, input().strip().split()))
result = find_equilibrium_position(N, A)
print(result)
```

RESULT 5 / 5 Test Cases Passed | 100 %