



AIRPORT ISSUES

**“LESSONS FROM THE
LAST HALF-CENTURY”**

A

**“RETROSPECTIVE LOOK
AT THE FUTURE”**



RETROSPECTIVE

- 1952 – USAF – ATC TRAINING
- 1953 – TOKYO RADAR CONTROL
- 1957 – CAA/FAA ATC - ZID
- 1968 – CHICAGO ATC
- 1971 – NEW YORK ARTCC
- 1975 – FAA HQ ATC



PERSPECTIVE

- 1976 – USAF WAR COLLEGE
- 1977 – FAA HQ TRAINING ORG
- 1980 – US CONG LEGIS FELLOW
- 1981 – FAA HQ AV STANDARDS
- 1982 – FAA AVIATION SECURITY



VIEWPOINTS

➤ 1986 – RETIRED FAA

➤ 1986 – PRIVATE BUSINESS

➤ 55 YEARS IN AVIATION



VIEWPOINTS

- VISION?
- FORESIGHT?
- RECOGNITION OF NEEDS?



BASELINE

- POPULATION SERVED
- CURRENT ACTIVITY
- ANTICIPATED ACTIVITY
- LOW VERSUS HIGH ACTIVITY



EXAMPLES

- DUBAI
- ABU DHABI
- QATAR
- OMAN
- SAUDI ARABIA
- DENVER



STATISTICAL ANALYSES

- STATISTICAL DATA
- STATISTICAL ANALYSES
- PLANNING NEW AIRPORT
- PLANNING EXPANSION



GETTING STARTED

- OBTAINING RESOURCES
- SELECTING DESIGNERS
- SELECTING CONTRACTORS
- PLANNING FOR OPERATIONS
- INTEGRATING SYSTEMS



WHAT'S RIGHT?

- TIMELINESS
- CLIENT
- INDEPENDENCE
- CLIENT'S INTEREST
- WORKING WITH OTHERS



MAKING IT HAPPEN

- COORDINATION
- CLIENT'S INTERESTS
- INTEGRITY
- CONSTRUCTION
- OVERSIGHT



COMPLETION

- AVOIDING PROBLEMS
- TESTS & CHECKS
- DELIVERY DATE
- DELAY CONSEQUENCES
- DELIVERING PRODUCT