



CITY OF SACRAMENTO

20

CITY PLANNING DEPARTMENT

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MARTY VAN DUYN

PLANNING DIRECTOR

October 5, 1981

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: Reliever Airport Study - Status Report (M-393)

Enclosed is material that has been generated by the consultants for the Reliever Airport Study. The status report to the Council by David Hodges of Hodges & Shutt, which will be presented under General Communications, Item No. 20, on October 6th, will be predicated on the attached data.

The intent of this status report is to offer the Council the opportunity to give input to the Reliever Airport Committee, the consultant, and the staffs of the City and the County before the range of 10 alternative sites is narrowed to three or four. The consultant will be available to answer questions on such topics as the preliminary site evaluation, selection of a new site versus expansion of existing facilities, co-use of general aviation of McClellan and/or Metro, the criteria to be used for alternative site elimination, and ascertainment of the level of future demand.

The Board of Supervisors will have a similar opportunity on October 13th.

Should you have any questions on this study, either before or after the Council meeting, please do not hesitate to call the City staff member assigned to this project, Anne Parke, 449-5604.

Respectfully submitted,

Marty Van Duyn
Marty Van Duyn
Planning Director

FOR CITY COUNCIL INFORMATION:

Walter J. Slipe
Walter J. Slipe, City Manager

MVD:AAP:jm
Attachments
M-393

APPROVED
BY THE CITY COUNCIL

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October 6, 1981
All Districts

NEWSLETTER

SACRAMENTO COUNTY

General Aviation Reliever Airport Feasibility Study PHASE I

OVERVIEW

The Sacramento Reliever Airport Study is a four-phased effort aimed at developing feasible solutions to the growing general aviation demand in Sacramento County. The two fold purpose of the study is to identify airport development alternatives and to evaluate their potential for meeting forecast demand within known physical and environmental constraints. Among options identified to date are (1) construct one or more new general aviation airports, (2) joint civil/military use of McClellan Air Force Base, (3) increased utilization of Metropolitan Airport for general aviation, (4) increased utilization of Lincoln Municipal and Franklin Field Airports, and (5) multiple solutions using both publicly and privately owned airports.

Phase I of the study deals with inventorying airports, forecasting demand, identifying potential new sites, and establishing top rollover airport candidates considering both existing airports and new airport sites. Phase I also includes public meetings and workshops allowing public input to the airport planning process and review of preliminary conclusions.

AIRPORTS INVENTORY

From an initial list of 41 privately or publicly owned airports in Sacramento County or the contiguous counties, only 11 were determined to have a significance to the Reliever Airport Study:

- o Franklin Field
- o Lincoln Municipal
- * Mather Air Force Base
- * McClellan Air Force Base
- * Natomas Field
- o Phoenix Field
- o Rancho Murleta
- * Rio Linda
- * Sacramento Executive
- * Sacramento Metropolitan
- o Sunset Sky Ranch

* These airports have safety or noise impacts on existing or future areas of the City.

FORECASTS

Sacramento County unconstrained general aviation activity forecasts were prepared through the year 2000 as follows:

<u>FORECAST GENERAL AVIATION AIRCRAFT</u>				
Year	Single-Engine	Multi-Engine	Other*	Total
1981	915	135	20	1,070
1985	1,050	160	40	1,250
1990	1,290	190	50	1,530
1995	1,570	220	60	1,850
2000	1,870	260	70	2,200

* Includes turboprops, turbojets, and helicopters.

Aircraft operations forecasts were developed using the based aircraft forecasts and aircraft utilization trends. Instant operations are those conducted by an aircraft which takes off at one airport and lands at another. Local operations are conducted by aircraft which takeoff and land at the same airport.

<u>FORECAST GENERAL AVIATION AIRCRAFT OPERATIONS</u>			
Year	Itinerant	Local	Total
1981	280,000	360,000	640,000
1985	320,000	400,000	720,000
1990	360,000	460,000	840,000
1995	450,000	520,000	970,000
2000	520,000	580,000	1,100,000

AIRPORT CAPACITY

Airport capacity is defined by both aircraft parking capacity and airfield operational capacity. Inventory results indicate 1,070 aircraft are currently based at public-use airports in Sacramento County versus 1,140 available parking positions. The 1985 forecast demand for aircraft parking spaces exceeds available parking positions. However, programmed future development at Sacramento County public and private airports is expected to bring the total available aircraft parking positions up to 1,500 -- approximately equal to the 1990 forecast requirement. Based upon these developments, the year 2000 shortfall is expected to be 700 aircraft parking spaces.

The County airport system aggregate capacity of 1.6 million annual aircraft operations exceeds the year 2000 forecast of 1.1 million operations. However, the distribution of general aviation activity results in some airports being pressured to handle demand above owner-established limits while other airports are under-utilized.

Consequently, a preliminary conclusion from the airport capacity analysis is that providing additional aircraft parking positions is more important than providing more airfield operational capacity.

AIRPORT SITE SCREENING PROCESS

An important Phase I activity is the screening of existing airports and possible new sites as potential reliever airports. Airport site screening factors were defined based upon physical/technical, land use compatibility, airspace, natural environment, and accessibility factors. The 11 existing airports were evaluated to identify limitations, expansion potential, and possible County airport system roles.

Opportunity mapping was used to establish new airport site areas based upon urban development patterns, airspace, topography, environmental, and accessibility factors.

Preliminary results of the site screening indicate six existing airports and four new sites merit consideration as potential reliever airports. In addition, other existing airports which do not satisfy reliever airport criteria merit further study to more precisely establish their capabilities to absorb some of the forecast demand. Airports in the latter category include Natomas, Rio Linda, and Phoenix.

The top reliever candidates among existing airports are:

- o Franklin Field
- o Lincoln Municipal
- o McClellan Air Force Base
- o Rancho Murleta
- o Sacramento Metropolitan
- o Sunset Sky Ranch

The top reliever candidates among new sites are:

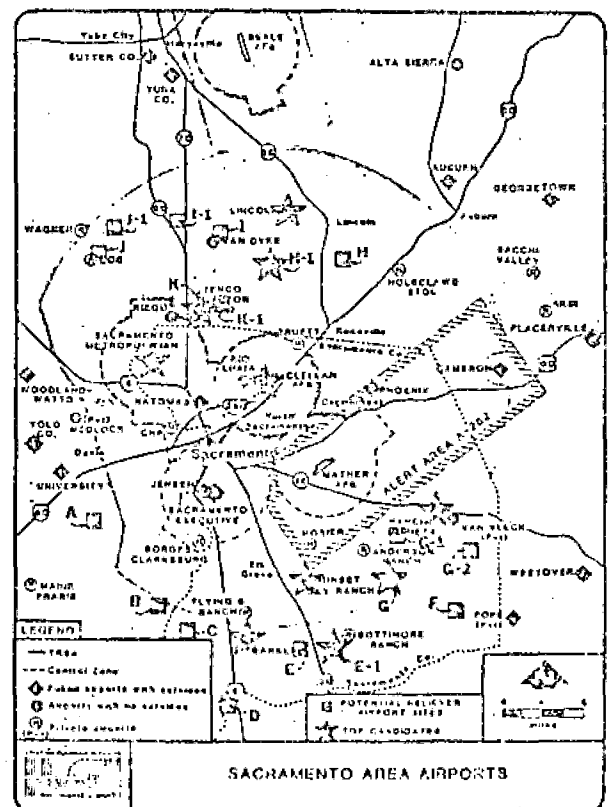
- o Site E-1 -- Sacramento County, northeast of Twin Cities.
- o Site G -- Sacramento County, south of the fish hatchery, along Clay Station Road.
- o Site H-1 -- Placer County, northwest of Roseville.
- o Site K -- Sutter County, near Tenco Tractor Airport.

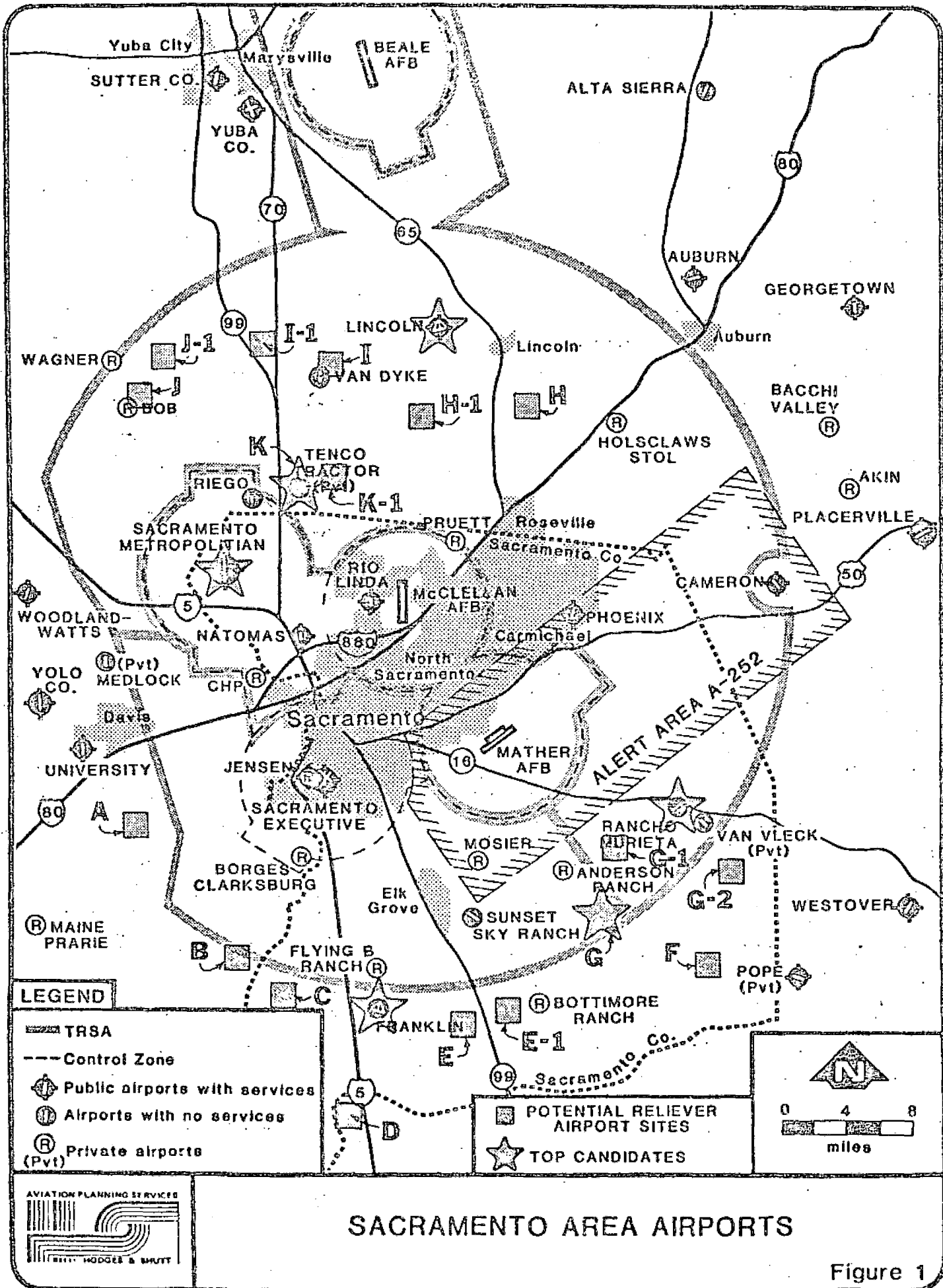
After considering input from the public meetings and workshops, further evaluations will be undertaken to reduce the list of reliever airport candidates to a final number for detailed analysis in Phase II.

Subsequent study work efforts will include:

- Phase II: Alternatives Analysis
- Phase III: Draft Environmental Impact Report
- Phase IV: Alternative Selection

For further information, contact Ken Joule or Larry Kozub, (916) 929-5411, Department of Airports, Sacramento County, 6968 Airport Blvd., Sacramento, California 95837.







CITY OF SACRAMENTO

OFFICE OF THE CITY CLERK

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SACRAMENTO, CALIFORNIA 95814
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LORRAINE MAGANA
CITY CLERK

MEMORANDUM

TO: WALTER J. SLIPE, CITY MANATER

FROM: LORRAINE MAGANA, CITY CLERK

SUBJECT: REFERRAL OF ITEM NUMBER 20, AGENDA
OF OCTOBER 6, 1981

DATE: OCTOBER 8, 1981

Pursuant to Council action, the following item is referred to you:

DAVID HODGES, AVIATION PLANNING CONSULTANT,
STATUS REPORT REGARDING RELIEVER AIRPORT
STUDY (M-393) [MOTION: CITY MANAGER TO
SEND LETTER TO COUNTY - SEE ATTACHED COPY
OF TRANSCRIPT OF CONNELLY'S MOTION]

MM/LM/mm

Transcript - Motion by Councilman Connelly
Council Meeting of October 6, 1981, Item 20
Date Prepared: October 7, 1981

Mayor Isenberg: Nope. Thank you. Is there anyone in the audience who wishes to speak to this issue? Mr. Connelly?

Councilperson

Lloyd Connelly: Okay. I'd like to move that the City Manager be directed to write a letter to, I guess, the County Executive and the Board of Supervisors containing these requests. One, that the County Board of Supervisors not act on a reduction from twenty to ten sites until the Airport Reliever Committee has had an opportunity to review that recommendation. Two, that prior to the reduction from ten to four sites, Airport Reliever Committee be afforded an opportunity to comment on that, and that then it be brought to the City Council with the recommendations of the Airport Reliever Committee as well as appropriate criteria and evaluation technique so that we can make a recommendation, in turn, to the Board of Supervisors prior to the final decision on the reduction from ten to four, and that we have very graciously worded paragraph that we are, after all, funding fifty percent of this study, and we want to cooperate in good faith. That's my motion.

Councilperson

Dan Thompson: Second, Mr. Mayor.

Mayor Isenberg: Discussion? Call the Roll.

Roll called by Lorraine Magana, City Clerk, and motion adopted by the following vote:

AYES: Councilpersons Connelly, Fisher, Hoerber, Pope, Robie Rudin, Thompson, Isenberg

ABSENT: Councilperson Roberts