

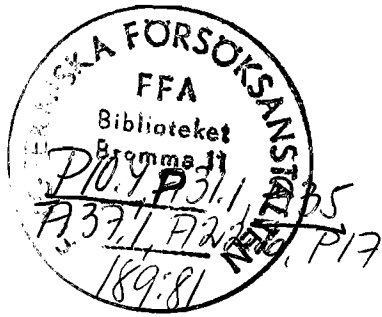
ICAS PROCEEDINGS
1980

12th Congress of the International Council of the Aeronautical Sciences



MUNICH · FEDERAL REPUBLIC OF GERMANY · OCTOBER 12-17, 1980

26341



The 1980 ICAS Proceedings, and all future ICAS Proceedings, will be distributed by
The American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas,
New York, New York 10104/USA.
ICAS Proceedings from previous conferences are also available from the AIAA.

ISBN 0-915928-43-4

All rights reserved. No part of this book may be reproduced in any form or by any means,
electronic or mechanical, including photocopying and recording, without permission in
writing from the publisher.

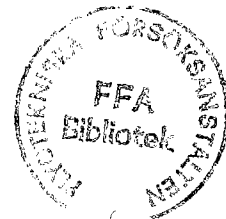
Printed in U.S.A.

Cover:

"Towers of Munich"
Archives of the Tourist Office of Munich
Photo: Dr. J. Müller

Erk

ICAS 12



ICAS PROCEEDINGS

1980

12th CONGRESS OF THE
INTERNATIONAL COUNCIL OF THE
AERONAUTICAL SCIENCES (ICAS)

12-17 October 1980

Munich, Federal Republic of Germany

edited by

J. Singer and R. Staufenbiel

A/C CONFIGURATIONS, PROPULSION AIRFRAME INTEGRATION,
HIGH-LIFT RESEARCH, WIND TUNNEL TECHNIQUES,
DYNAMIC STABILITY, ACTIVE CONTROLS, A/C OPERATIONS,
MATERIALS, FATIGUE, OPTIMIZATION and TESTING of STRUCTURES
